FOREWORD

Thank you for purchasing a NISSAN automobile. This user's manual is for the navigation system only. This manual contains operating instructions for the NISSAN Navigation System offered in the NISSAN X-TRAIL.

Please read this manual carefully to ensure safe operation of the navigation system.

- Please read your vehicle's Owner's Manual first.
- Do not remove this manual from the vehicle when selling this vehicle. The next user of this navigation system may need the manual.
- Because of possible specification changes, sections of this manual may not apply to your vehicle.
- All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications or design at any time without notice.

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1 Introduction

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HOW TO USE THIS MANUAL

This manual uses special words and icons, organized by function. Please refer to the following items and familiarize yourself with them.

FOR SAFE OPERATION

WARNING

This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.

CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

NOTE:

This indicates an item to help you understand the maximum performance of your vehicle. If ignored, it may lead to a malfunction or poor performance.

REFERENCE SYMBOLS

INFO:

This indicates information necessary for efficient use of your vehicle or accessories.

DEST **button**

This is a button on the control panel.

View **key**

This is a select key on the screen. By selecting this key you can proceed to the next function.

SAFETY NOTE

This system is primarily designed to help you reach your destination, and also performs other functions as outlined in this manual. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. **The system is not a substitute for safe, proper, and legal driving.**

Before using the navigation system, please read the following safety information. Always use the system as outlined in this manual.

WARNING

- **When the driver operates the navigation system or uses the joystick (screen function), first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident. Destinations cannot be set while the vehicle is in motion.**
- **Do not rely on voice guidance alone. Always be sure that all driving maneuvers may be made legally and safely to avoid an accident.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.**
- **Do not use this system if you notice any malfunction such as a frozen screen or lack of sound. Continued use of the system may result in accidents, fire, or electrical shock.**
- **If you notice any foreign object in the system hardware or spilled liquid, or notice smoke or a smell coming from it, stop using the system immediately and contact a NISSAN dealer. Ignoring such conditions may lead to accidents, fire, or electrical shock.**

NOTE:

Some states/provinces may have laws limiting the use of video screens while driving. Use this system only where legal.

LASER PRODUCT

This navigation system is certified as a Class 1 laser product.

The navigation system complies with DHHS Laser-Radiator Standards, 21 CFR Chapter 1 subchapter J.

WARNING

- **Do not disassemble or modify this system. There are no user serviceable parts in this navigation system.**
- **If maintenance, adjustments and operations other than those specified in this manual are attempted, injury due to laser radiation and exposure could occur.**

MEMO

2 How does the NISSAN Navigation System work?

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What is GPS (Global Positioning System)? 2-2
Accuracy of positioning 2-2
Positioning adjustment 2-3
Receiving signals from GPS satellites 2-3
Display of GPS information 2-3
Detailed map coverage areas (MCA) for the navigation system 2-3
When a gray road or dark green road is displayed on the map 2-4

WHAT IS A NAVIGATION SYSTEM?

ABOUT THE NAVIGATION SYSTEM

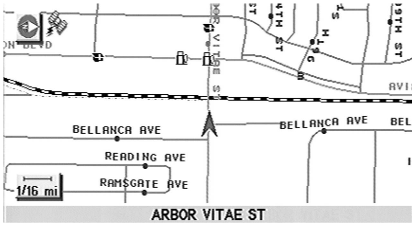
This navigation system combines the data obtained from the vehicle (by gyro sensor) and from GPS (Global Positioning System) satellites to calculate the current location of the vehicle. This position is then displayed on the screen, allowing route guidance to a destination.

WHAT IS GPS (GLOBAL POSITIONING SYSTEM)?

GPS is a system developed and operated by the U.S. Government, covering the entire planet. This navigation system receives three or more different radio signals from NAVSTAR (GPS satellites), orbiting the earth 13,049 miles (21,000 km) above ground. The data from different sets of signals will be trigonometrically calculated to obtain the position of the vehicle.

INFO:

The tracking center in the U.S. controls signals transmitted from GPS satellites. This control sometimes results in reduced accuracy or no signal received at all in accordance with government requirements.



INV1441

ACCURACY OF POSITIONING

The color of the GPS Indicator on the upper left corner of the screen indicates positioning as follows:

- Green: positioning is possible and accurate
- Yellow: positioning is possible but accuracy is minimal.
- Gray: positioning is not possible

INFO:

For approximately 3 or 4 minutes after system startup, the GPS indicator remains gray, even if accurate positioning is possible.

POSITIONING ADJUSTMENT

When the system judges that the vehicle position information is not accurate based on vehicle speed and gyro sensor data calculations, the system will adjust the vehicle position information using GPS signals.

RECEIVING SIGNALS FROM GPS SATELLITES

Sometimes, satellite reception is weak. The following are places where signals tend to be weak:

- Inside tunnels and parking garages
- Areas with numerous tall buildings
- Under multi-layered highways
- In a dense forest

Vehicles in these areas may not receive GPS signals (Indicator color: gray).

INFO:

The antenna for GPS is located on the instrument panel inside the vehicle. **Do not place any objects, especially mobile phones or transceivers, on the instrument panel**. Because the strength of the GPS signal is approximately one billionth of that of TV waves; phones and transceivers will decrease the strength or may totally disrupt the signals.

DISPLAY OF GPS INFORMATION

This system displays GPS information.

Please refer to “GPS information display” on page 11-17.

NOTE:

Directional guidance provided by the navigation system does not take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.

DETAILED MAP COVERAGE AREAS (MCA) FOR THE NAVIGATION SYSTEM

This system is designed to help you reach your destination, and also performs other functions as outlined in this manual. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. The system is not a substitute for safe, proper, and legal driving.

Map data covers select metropolitan areas in the United States.

Map data is available on map DVD-ROM. For information about map DVD-ROMs, contact a NISSAN dealer or call the NISSAN NAVIGATION SYSTEM HELPDESK at 1-800-NISSAN-1 (1-800-647-7261) for U.S., and at 1-800-777-0325 for CANADA.

Map data includes 2 types of areas: “Detailed coverage areas” providing all detailed road data and other areas showing “Main roads only”.

NOTE:

Detailed map data is not available in many areas and is generally limited to select major metropolitan areas.

For information on which metropolitan areas are in detailed coverage areas, please refer to the NISSAN Navigation System Software Booklet (included). When you purchase an updated map

DVD-ROM, a new software booklet will be provided.

WHEN A GRAY ROAD OR DARK GREEN ROAD IS DISPLAYED ON THE MAP

- When you are driving on a gray road after the vehicle has deviated from the suggested route during route guidance, automatic re-routing may not start immediately.
- The navigation system does not provide route guidance for dark green roads. Therefore, if the destination is set on a dark green road, the enlarged map display will return to the ordinary map screen at a point on a suggested road that is near the destination. Also, the voice guidance will stop at a point on a suggested road that is near the destination. Refer to “About route guidance” on page 4-24 for details.
- POI information and street names near gray roads may not be contained in the map data.

3 What features are available on the NISSAN Navigation System?

Route guidance 3-2
Point of interest (POI) directory 3-2
Address book 3-2
Avoid area 3-3
Automatic reroute 3-3
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Birdview™ 3-4
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ROUTE GUIDANCE

The main feature of the NISSAN Navigation System is Visual and Audio Route Guidance in selected detailed map coverage areas. Utilizing a network of GPS (Global Positioning System) satellites, the NISSAN Navigation System tracks your location on the map and directs you where you want to go.

Once you program a destination covered by a detailed map, the NISSAN Navigation System will determine a route from your current location to your destination. The moving map display and turn-by-turn voice commands help the driver determine upcoming turns.

This feature can be especially helpful in finding unfamiliar locations or businesses. The system may be unable to set a destination and/or calculate distance when a destination is outside a detailed map coverage area. Additionally, audio route guidance may not be available if the destination is outside a detailed map coverage area. For more information on how to program a destination, please refer to section 5.

POINT OF INTEREST (POI) DIRECTORY

The NISSAN Navigation System offers an extensive Point of Interest directory in detailed map coverage areas. This directory includes a wide variety of destinations ranging from gas stations, ATMs, and restaurants to casinos, ski resorts, shopping centers and businesses. By accessing the Point of Interest directory, you can search for addresses and phone numbers for a destination, and with a press of a button, the NISSAN Navigation System will calculate a route to the destination.

The Point of Interest directory offers many uses. For example, the directory can be sorted by the various types of restaurants near your current location. If you need an ATM or gas station, the NISSAN Navigation System can point you to the closest one or the closest one of your favorite brand.

For more information on how to use the Point of Interest directory, please refer to section 6.

ADDRESS BOOK

Using the Address Book feature, you will have the ability to store up to 50 locations in detailed map coverage areas into a personal directory. This is especially useful for frequently visited locations, such as your clients, relatives, or friends. The Address Book feature will provide you with easy access to frequently visited locations when setting them as your destination.

For more information on how to use your Address Book, please refer to section 7.

AVOID AREA

By using the Avoid Area feature, you can identify areas or freeways that you would like the NISSAN Navigation System to avoid when plotting routes. For example, if you know of a freeway or area that is always congested with traffic, you can program the NISSAN Navigation System to plot routes that go around that particular freeway or area.

For more information on the Avoid Area feature, please refer to section 8.

AUTOMATIC REROUTE

If you miss a turn while using the Route Guidance feature, the NISSAN Navigation System will automatically recalculate a new route to your destination.

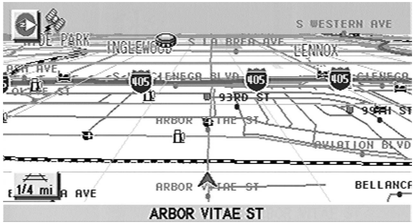
For more information on the Automatic Reroute feature, please refer to section 9.

DETOUR

If you hear about a traffic accident on the radio that is 4 miles (6 km) ahead of you and traffic is backing up fast, you can use the Detour function to calculate an alternative route that will help you avoid the gridlock caused by the traffic accident. The NISSAN Navigation System has the ability to find an alternative route using secondary roads that will return you to primary roads after a specified number of miles.

For more information on the Detour feature, please refer to section 9.

BIRDVIEW™

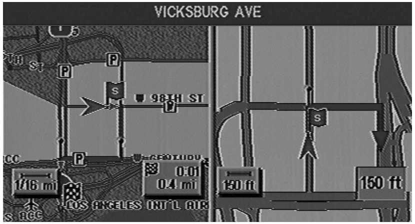


INV1442

The NISSAN Navigation System gives you a choice of two map viewing styles, a normal 2-dimensional PLANVIEW map and the 3-dimensional BIRDVIEW™ map. The 3-D BIRDVIEW™ map depicts a geographic area as seen from an elevated perspective, so you will get a better feel for the route ahead.

For more information on the BIRDVIEW™ feature, please refer to section 11.

VOICE GUIDANCE



NAV2024

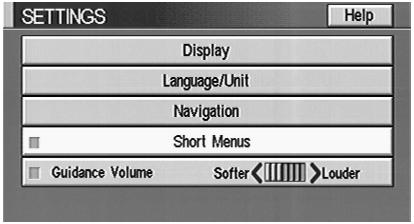
Route guidance is executed using voice and screen instruction. When the vehicle approaches an intersection where you need to turn, the voice guidance tells you the direction to take.

The system also has the following useful features:

- Enlarged display of intersections.
- Automatic rerouting when a vehicle is off the course (when map is displayed).

For more information on the Voice Guidance feature, please refer to section 10.

SHORT MENUS



INV1444

To make the NISSAN Navigation System easier to use, there is a short menu function in which the most commonly used items are listed. When the indicator is illuminated, the short menus (Easy Mode) are displayed. When the indicator is turned off, the default navigation systems menus (Expert Mode) are displayed.

INFO:

- [Easy Mode] is the default setting on the initial screen at the delivery of your new vehicle.
- The term [Expert Mode] is used in this manual when the Short Menus key indicator is

turned off. When the amber indicator is highlighted, the system is set to [Easy Mode].

- When the SETTING, DEST or ROUTE button is pressed in the [Easy Mode] screen, the Help key is displayed.

For more information on the Short Menu feature, please refer to section 4.

MEMO

4 How do I operate the NISSAN Navigation System?

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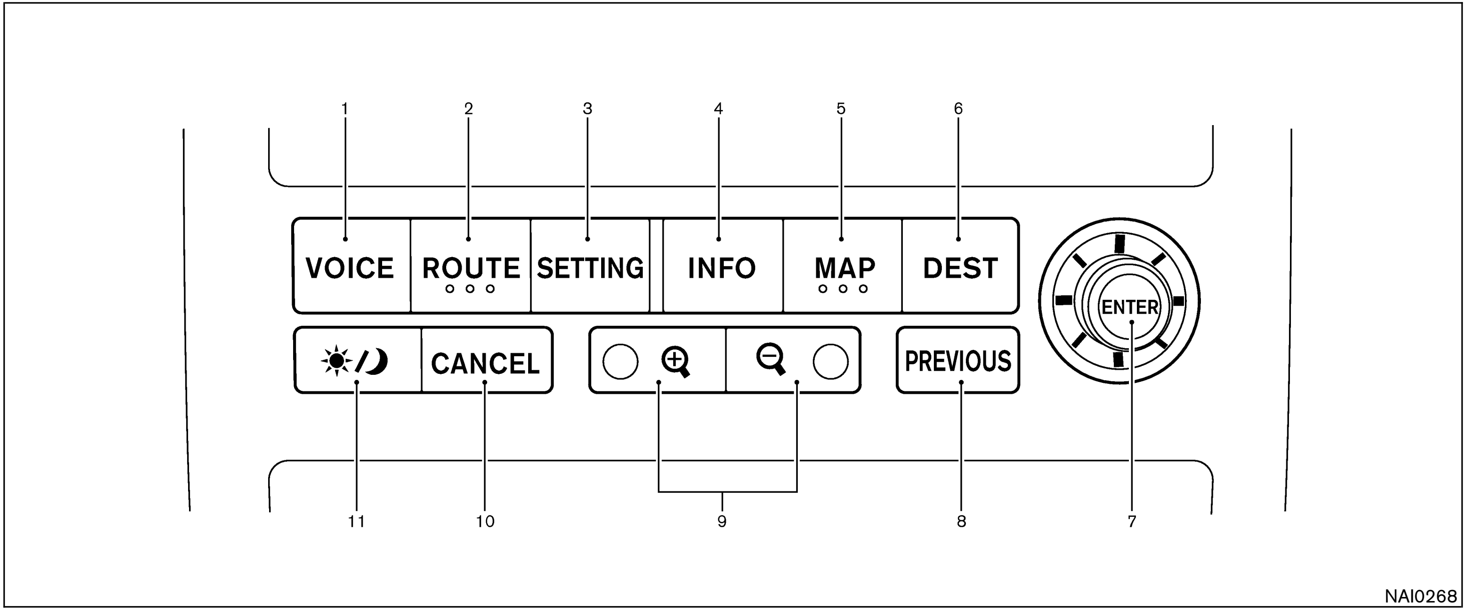
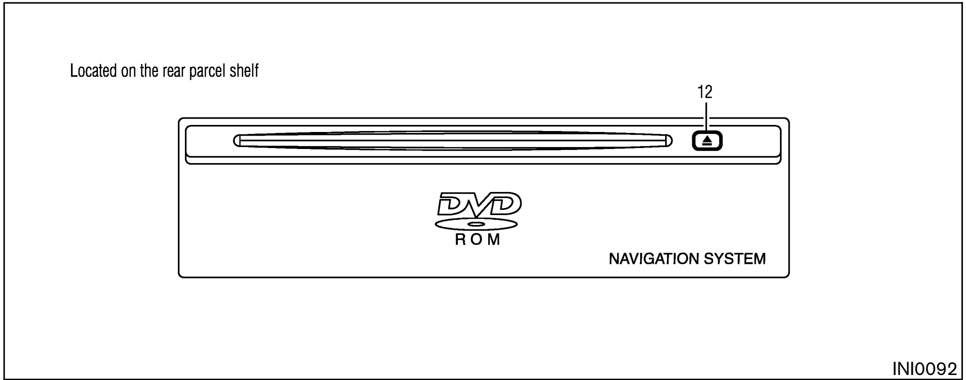
CONTROL PANEL BUTTON FUNCTIONS





NAMES OF THE COMPONENTS

1. VOICE button; refer to page 10-3.
   Provides upcoming voice command from the current location.
2. ROUTE button; refer to page 4-13.
   Displays the setting menu screen at the time of route calculation.
3. SETTING button; refer to page 4-8.
   Performs various adjustments and settings to help you use the navigation system more effectively.
4. INFO button: refer to section 12.
   Displays the [MAINTENANCE INFO.] screen.
5. MAP button; refer to page 5-37.
   Toggles between the intersection and the map during route guidance. Returns to the map screen from the settings screen.
6. DEST button; refer to page 4-11.
   Displays the "Set a Destination" menu.
7. JOYSTICK and ENTER button; refer to page 4-6.
   Scrolls the map, selects and sets each setting item.
8. PREVIOUS button; refer to page 4-6.
   Returns to the previous screen during set-up.
   Finishes the set-up after it is completed.
9. ZOOM IN / ZOOM OUT (⊕ ⊖) button; refer to page 11-2.
   Alters the scale of the map display.
10. CANCEL button; refer to page 4-6.
    Cancels operations or the route guidance.
11. ☀/☽ (Day/Night) button; refer to page 11-25.
    Changes display brightness.
12. ⏏ button; refer to page 4-16.
    Ejects the DVD-ROM.

HOW TO USE THE JOYSTICK AND THE ENTER BUTTON

The navigation system is operated by selecting keys on the screen with the joystick and pressing the ENTER button. Be sure to understand the operation of the joystick before using the navigation system.

Selecting the keys on the screen

Use the joystick to select keys on the screen.

The joystick can be tilted in eight directions. The selected key will be highlighted in yellow.

INFO:

Use the joystick to scroll the map.

Selecting the function of the highlighted key

Press the ENTER button.

The display shows the screen to carry out the function of the selected key (highlighted in yellow).

HOW TO USE THE PREVIOUS BUTTON

This button has two functions.

To return to the previous screen:

When this button is pressed during setup, setup will be canceled, and the screen will return to the previous screen.

To finish the set-up:

When this button is pressed after set-up is completed, the settings will be renewed as directed, and the screen will return to the map.

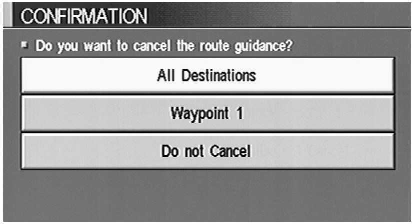
INFO:

When the PREVIOUS button must be pressed, (for example, after the set-up is finished) instructions are given in the operation procedure of each section in this manual. If the PREVIOUS button is pressed when not finished with the set-up, the setting will be canceled, and the screen will return to the previous screen.

HOW TO USE THE CANCEL BUTTON

This button has two functions:

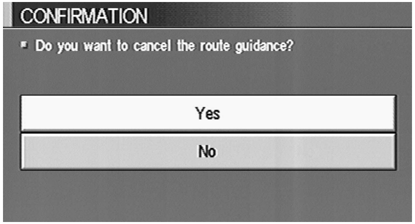
- Operation is canceled when pushed during operation.
- The [CONFIRMATION] screen is displayed during route guidance in the present location map.



INV1445

When the CANCEL button is pressed, the [CONFIRMATION] screen is displayed with the following three keys.

- All Destinations
- Waypoint 1
- Do not Cancel



INV1446

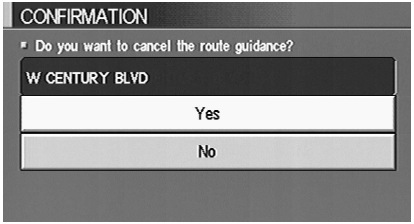
When the All Destinations key is selected

The route guidance is turned off temporarily.

1. Select the All Destinations key.
2. When the Yes key is selected, the route guidance is turned off.

INFO:

- When the No key is selected, the map will be displayed. When the PREVIOUS button is pressed, the previous screen will be displayed.
- To restart the route guidance, press the VOICE button.



INV1447

When the Waypoint 1 key is selected

INFO:

This key can be selected only when a waypoint is set.

Route guidance to the next waypoint is deleted.

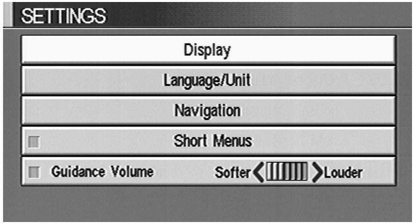
1. Select the Waypoint 1 key.
2. When the Yes key is selected, the waypoint is deleted and route calculation will start.

INFO:

When the No key is selected, the map will be displayed. When the PREVIOUS button is pressed, the previous screen will be displayed.

When the Do not Cancel key is selected

The [Confirmation] screen will return to the map screen.



INV1448

HOW TO USE THE SETTING BUTTON

When the SETTING button is pressed, the [SETTINGS] screen is displayed.

WARNING

For safety, some of the functions on the menu will be disabled while the vehicle is moving. To use the temporarily disabled functions, park the vehicle in a safe place, shift to P or N, and set the parking brake.

To use the navigation system more effectively, various adjustments and settings can be performed.

Display **key:**

The key also adjusts the display mode.
Please refer to page 11-21.

Language/Unit **key:**

Changes language and unit.
Please refer to page 4-9.

Navigation **key:**

Changes various settings of the navigation system.
Please refer to page 4-9.

Short Menus **key:**

This key changes between [Expert Mode] and [Easy Mode].

Please refer to page 3-4.

Guidance Volume **key:**

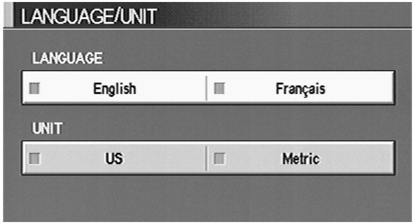
Adjusts or turns off volume of the voice guidance.

Please refer to “Adjusting the guide volume” on page 10-2.

Help **key:**

Available only in easy mode (short menus).

You can see the explanation of navigational functions.



INV1449

When the Language/Unit key is selected

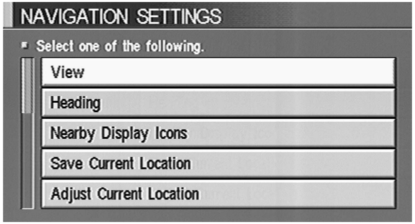
1. The following display will appear when selecting the Language/Unit key and pressing the ENTER button.

Language: English or French

Unit: US — Mile, MPG
Metric — km, /100 km

INV1450

2. You can select the language and unit using the joystick and ENTER button.



INV1451

When the Navigation key is selected

The following display will appear when selecting the Navigation key and pressing the ENTER button.

View **key:**

This will let you choose between Birdview™ display and Planview display.

Please refer to "Switching between Birdview™ and Planview displays" on page 11-4.

Heading **key:**

You can set the map either to show the vehicle's current forward direction as up, or to show North as up.

Please refer to "Changing the display direction (in Planview display)" on page 11-7.

Nearby Display Icons **key:**

Displays five types of points of interest around the current location.

Please refer to "Setting with the Nearby key" on page 6-12.

Save Current Location **key:**

Stores the current vehicle location in the address book.

Please refer to "Storing current vehicle position" on page 7-4.

Adjust Current Location **key:**

Corrects the location and direction of the vehicle icon.

Please refer to "Updating the current vehicle location and the direction" on page 11-18.

Auto Re-route On/Off **key:**

A new route to the desired destination will automatically be calculated again from the location when the vehicle is off the suggested route during route guidance.

Please refer to "Automatic rerouting" on page 9-2.

Avoid Area Setting **key:**

Defines areas to avoid when calculating a route.

Please refer to "Setting avoid areas" on page 8-2.

Button Tone/Beep Response **key:**

This key is used to turn on/off the automatic beep sound.

Please refer to "Setting automatic beep sound" on page 11-20.

Clear Memory **key:**

Clears all the stored memory (Address Book, Avoid Area, Previous Dest.).

Please refer to "Clearing the memory" on page 4-21.

Edit Address Book **key:**

Changes the names and positions of the registered locations.

Please refer to "Setting up and editing the address book" on page 7-2.

GPS Information **key:**

GPS information will be displayed.

Please refer to “GPS information display” on page 11-17.

Quick Stop Customer Setting **key:**

Sets the user-defined [Quick Stop] POI (Point Of Interest).

Please refer to “Quick stop customer settings” on page 5-44.

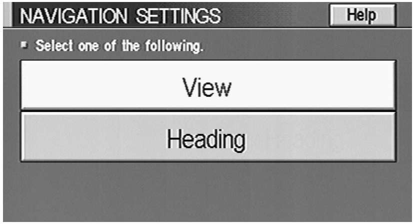
Set Average Speed for Estimated Journey Time **key:**

Please refer to “Setting the average speed” on page 4-22.

Tracking On/Off **key:**

You can choose whether to display the path from the start to the current position.

Please refer to “Displaying the track” on page 11-15.



INV1452

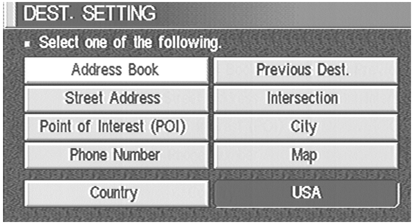
Easy Mode — when the Short Menus key is selected

View **key:**

Same as in Expert Mode.

Heading **key:**

Same as in Expert Mode.



INV2315

HOW TO USE THE DEST BUTTON

Sets destinations (final destination and way-points) to search for a route.

This will activate various navigational functions.

WARNING

For safety, some of the functions on the menu will be disabled while the vehicle is moving. To use the temporarily dis-abled functions, park the vehicle in a safe place and shift to P or N, and set

the parking brake.

- Address Book **key:**

Use this category item if you want to go to places stored in the address book.

Please refer to "Setting with the Address Book key" on page 5-3.

- Previous Dest. **key:**

You can choose destinations from the last 10 destinations set.

For details, please refer to "Setting with the Previous Dest. key" on page 5-5.

- Street Address **key:**

Use this category item if you know the city name, street name and house number of the destination (waypoints).

Please refer to "Setting with the Street Address key" on page 5-7.

- Intersection **key:**

Sets a destination using the intersection of 2 streets.

Please refer to "Setting with the Intersection key" on page 5-14.

- Point of Interest (POI) **key:**

Use this category item if you want to go to a restaurant, hotel, gas station or other facility.

Please refer to "Setting with the Point of Interest (POI) key" on page 6-2.

- City **key:**

Sets the destination (waypoint) on the map screen of the area around the input city.

Please refer to "Setting with the City key" on page 5-21.

- Phone Number **key:**

Use this category item when the destination phone number is known.

Please refer to "Setting with the Phone Number key" on page 5-25.

- Map **key:**

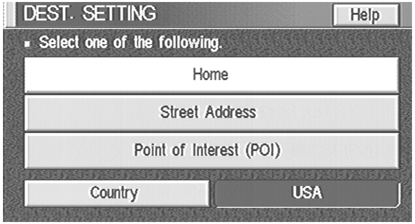
Use this category item if you want to choose the place directly on the map display.

Please refer to "Setting with the Map key" on page 5-28.

- Country **key:**

This key is used to retrieve a location in another country when it is set as the destination (waypoint).

Please refer to "Setting with the Country key" on page 5-29.



INV2316

Easy Mode — when the Short Menus key is selected

Help **key:**

You can see the explanation of the navigational functions.

Home **key:**

When you set your home in the address book, a route home will be calculated by selecting this key.

If the home is not set beforehand, the setting mode will appear to input the home address.

Please refer to “Setting with the Home key” on page 5-30.

Street Address **key:**

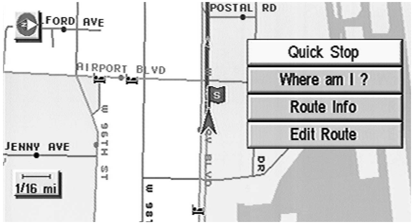
Same as in Expert Mode.

Point of Interest (POI) **key:**

Same as in Expert Mode.

Country **key:**

Same as in Expert Mode.



INV1455

HOW TO USE THE ROUTE BUTTON

When the ROUTE button is pressed while the current location is displayed on the screen, the display shows the following keys.

INFO:

When no operations are executed for a few seconds, the keys will disappear automatically.

Quick Stop **key:**

Selects the destination (waypoints) from a list of 5 commonly used POI (Points of Interest).

Please refer to “Quick stop” on page 5-43.

Where am I ? **key:**

Displays the street where the vehicle is currently located, the previous street, and the upcoming street.

Please refer to “Where am I ?” on page 5-46.

Route Info **key:**

Displays the route to the destination. There are three types of display methods.

- Complete Route **key:**

  Displays the entire route from the current location to the destination.

  Please refer to “Displaying the complete route to the destination” on page 11-10.

- Turn List **key:**

  Displays a list of the guidance points for the entire route to the destination on a simple map.

  Please refer to “Displaying turn list” on page 11-11.

- Route Simulation **key:**

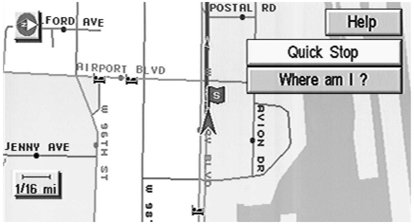
  Performs a simulation drive on the map screen by moving a vehicle icon on all the routes from the current location to the destination.

  Please refer to “Requesting the simulation drive to the destination” on page 11-13.

Edit Route **key:**

Resets the set destination (waypoint).

Please refer to “Making the system guide the route with detailed options” on page 5-32.



INV1456

Easy Mode — when the Short Menus key is selected

Help **key:**

You can see the explanation of the navigation functions.

Quick Stop **key:**

Same as in Expert Mode.

Where am I ? **key:**

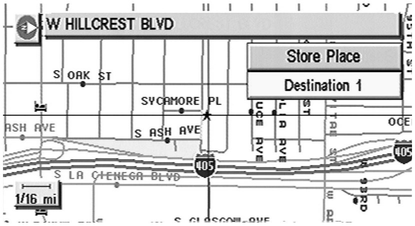
Same as in Expert Mode.

Keys that appear when the map is scrolled with the joystick

You can scroll the map display and get information about the area near your vehicle and the destination using the joystick.

INFO:

- This function can be used when the original map disc is inserted.
- You can operate this with the map display on.
- This function cannot be used when the system is calculating the route or drawing the screen.



INV1457

Store Place **key:**

You can store the location with the cross pointer.

Please refer to “Storing current vehicle position” on page 7-4.

Destination # **key:**

You can set the position as a destination, using the cross pointer. The maximum number of destinations is six, and the last one stored will be the final destination. (# will appear on the map to denote the selected locations from 1 to 6.) Please refer to “Making the system guide the route with detailed options” on page 5-32.

HOW TO EJECT/INSERT THE DISC

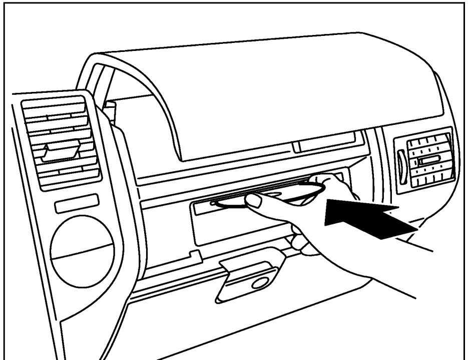
INFO:

The navigation system is installed in the upper glove box.

This system is provided with the map DVD-ROM.

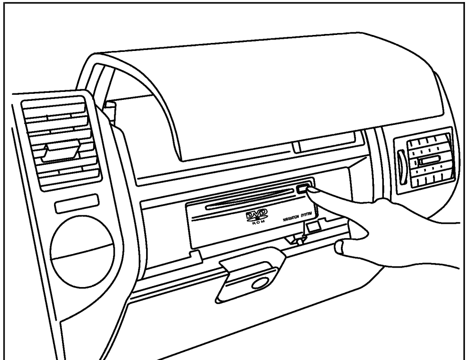
NOTE:

Please take great care in handling the disc.



NAI0048

1. Open the cover of the upper glove box.
2. To insert a disc:
   Place the disc in the slot.
   It will be drawn in automatically. You do not have to push it in all the way.



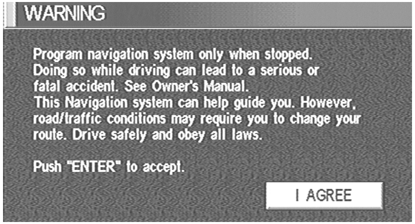
NAI0049

3. To eject the disc:
   Press the ⏏ button, and remove the disc.
   Close the cover.

CAUTION

- **The included map DVD-ROM is designed specifically for your navigation system. Do not use it in another system as it could cause a malfunction.**
- **Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.**

START-UP SCREEN



INV2317

When you turn the ignition key to ACC, the above warning is displayed on the screen. Read the warning and select the I AGREE (English) or ENTER (Français) key.

INFO:

If you do not press the ENTER button, the system will not proceed to the next step display.

CONFIRMATION OF DESTINATION OR WAYPOINT

When the engine is turned off during route calculation and then turned on, the [CONFIRMATION OF DEST./WAYPOINT] screen will be displayed after the start-up screen.

INV1459

In the [CONFIRMATION OF DEST./ WAYPOINT] screen, the following four keys are displayed.

- To All Destinations
- From Next Waypoint
- Cancel Guidance
- Change (only in Expert Mode)

INFO:

When the PREVIOUS or MAP button is pressed in this screen, the [Turn by turn] screen will be displayed.

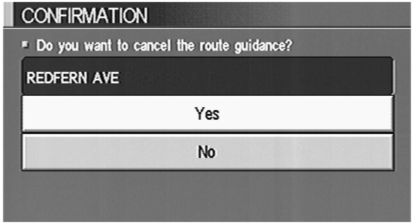
When the [To All Destinations] key is selected

Route guidance will start to all destinations/waypoints from the current location.

INV1460

When the [From Next Waypoint] key is selected

1. Select the [From Next Waypoint] key.



INV1461

2. When the [Yes] key is selected, route guidance to the current waypoint is deleted and route calculation to the next destination will start.

INFO:

- If you do not want to delete the route guidance, select the [No] key and the screen will return to the map.
- This key can be selected only when a waypoint is set.
- When the [PREVIOUS] button is pressed, the previous screen will be displayed.

Select the key when you want to start route

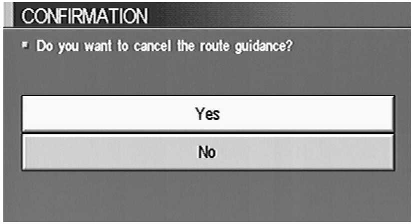
guidance to the next waypoint/destination.

INV1462

When the Cancel Guidance key is selected

The route guidance is canceled.

1. Select the Cancel Guidance key.



INV1463

2. When the Yes key is selected, route guidance is canceled.

INFO:

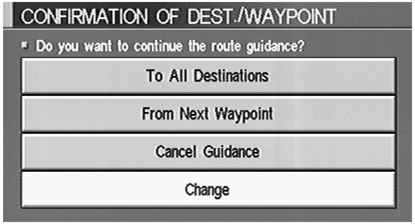
- If you do not want to delete the route guidance, select the No key and the screen will return to the map.
- Press the VOICE button to activate the route guidance again.
- When the PREVIOUS button is pressed, the previous screen will be displayed.

When the Change key is selected

It is possible to edit the route guidance to the destination.

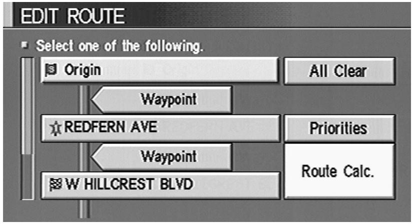
INFO:

This key is displayed only in [Expert Mode].



INV1464

1. Select the Change key.



INV1465

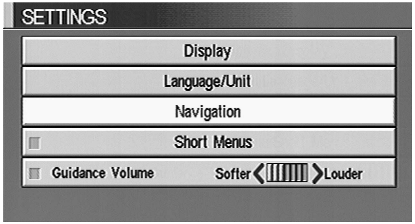
2. The [EDIT ROUTE] screen will be displayed.

Please refer to “Setting the waypoints” on page 5-32.

CLEARING THE MEMORY

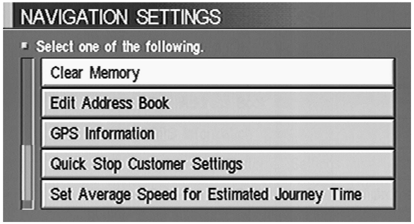
All the stored data (Address Book, Avoid Area, Previous Dest) can be cleared.

1. Press the SETTING button.



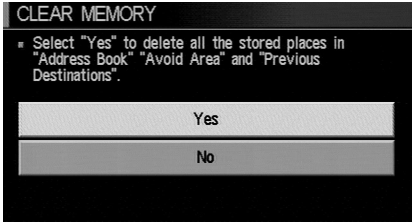
INV1466

2. Select the Navigation key on the [SETTINGS] screen.



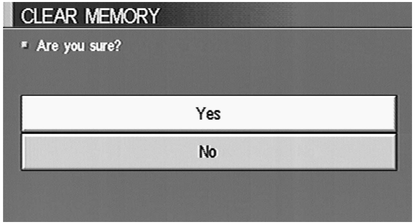
INV1467

3. Select the Clear Memory key.



INV1783

4. Select the Yes key.



INV1469

5. When the Yes key is selected, the stored data will be cleared, and the [NAVIGATION SETTINGS] screen will appear.

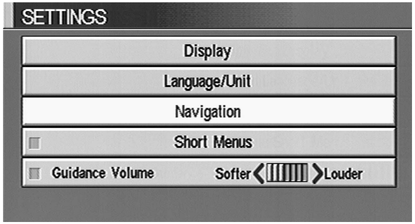
SETTING THE AVERAGE SPEED

This navigation system can calculate and display the expected arrival time to the destination. To do this, set average vehicle speeds when driving on freeways, main roads and ordinary roads.

The following settings are available.

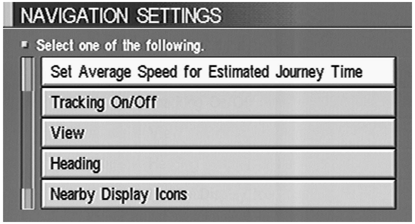
- Freeway
  Default: 55 MPH (90 km/h)
  Max: 70 MPH (110 km/h)
  Min: 40 MPH (60 km/h)
- Main Roads
  Default: 25 MPH (40 km/h)
  Max: 50 MPH (80 km/h)
  Min: 10 MPH (20 km/h)
- Ordinary Roads
  Default: 15 MPH (25 km/h)
  Max: 35 MPH (55 km/h)
  Min: 5 MPH (10 km/h)

1. Press the SETTING button.



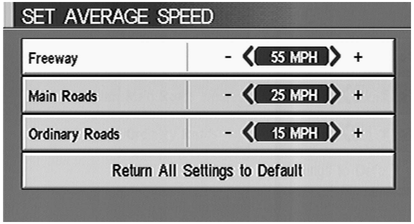
INV1466

2. Select the Navigation key on the [SETTINGS] screen.



INV1471

3. Select the Set Average Speed for Estimated Journey Time key on the [NAVIGATION SETTINGS] screen.



INV1472

4. Move the joystick upward or downward to select an item you want to change.
5. Move the joystick left or right and set an average vehicle speed.

INFO:

- It is possible to set the item illuminated in yellow.
- When the Return All Settings to Default key is selected, all settings return to default.

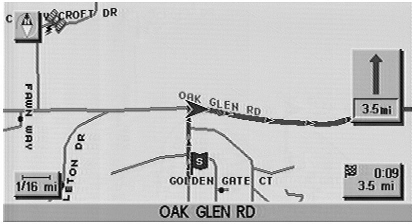
ABOUT ROUTE GUIDANCE

- The NISSAN Navigation System may not calculate a route if the current vehicle location is too far away from the destination. In this case, please divide your trip by selecting one or two intermediate destinations.

NOTE:

There may be cases that carpool lanes are included on a suggested road when the automatic rerouting function is activated and even if the “Use Time Restricted Roads” is turned off. Refer to “Setting the priorities for route calculation” on page 5-34 for details.

- The navigation system does not provide route guidance for dark green roads. Therefore, if the destination is set on a dark green road, the enlarged map display will return to the ordinary map screen at a point on a suggested road that is near the destination, and the distance and direction to the end point of the suggested road will be displayed on upper right corner of the screen.
  Also, at this time, the voice will say, “En route to your destination, some roads contain incomplete map data. Turn guidance will not be provided in this area.”



INV2311

When approaching the end point of the suggested road, the voice will say, “Entering the road with incomplete map data. Please use the direction arrow and distance information to proceed to your destination.”
To reach your destination, refer to the map screen, always follow actual roads and regulations and drive safely.

NOTES ON ROUTE GUIDANCE

- The route selected by the system may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced for the DVD, there may be discrepancies in roads and regulations. In such cases, follow the actual information available.
- During route calculation, the map will not scroll, however the vehicle icon will move with the actual vehicle’s movement.
- During route calculation, buttons such as MAP, DEST, ZOOM OUT and ZOOM IN and the joystick will be disabled.
- In some cases, after the calculation is complete, it may take some time to get the calculated route on the display.
- Waypoints that have been passed will not be covered by the rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- If waypoints are set, the system is calculating multiple routes between waypoints simultaneously, and the following may result.

— If one section (or more) of the routes between the waypoints is not found, none of the route will be displayed.

— The route may not connect completely at some waypoints.

— The route may require a U-turn close to some waypoints.

- Route calculation may not be completed in the following cases.

— If there is no main road within a range of 1.5 miles (2.5 km) from the vehicle, a message saying so will appear on the screen. Try requesting route calculation when the vehicle is closer to the main road.

— If there is no main road within a range of 1.5 miles (2.5 km) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to the main road.

— If the vehicle is too close to the destination or if there are no branches of the roads to the destination. A message saying so will appear on the screen.

— If it is deemed impossible to reach the destination or waypoints because of traffic regulations, etc.

— If the only route to reach the destination or waypoints is extremely complicated.

— If the destination, current vehicle position or waypoint is within the avoid area.

— If the setting of avoid areas covers the routes to the destination, route calculation may not be possible.

- The following may occur when the route is being displayed.

— If you are requesting a calculation from the main road, the origin of the route may not exactly match the current vehicle position.

— If you are requesting a calculation to a destination on the main road, the end of the route may not exactly match the destination.

— If you are requesting a calculation from the main road, the system may show a route from another main road. This may be because the icon to show the current vehicle position (vehicle icon) is not set accurately. In that case, park the car in a safe place and reset the vehicle icon, or continue driving to see if the vehicle icon appears on the main road before requesting route calculation again.

— There are cases in which the system shows a detoured route to reach the destination or waypoints, if you set them from memory or facility information. In order to correct this, you will have to be careful about the traffic direction, especially when the lanes with different travel directions are shown separately. Such places are interchanges and service areas.

— This system makes no distinction between limited traffic control and total control (blockage). It may show a detoured route even if the road is usable.

— Even if the freeway preference is set to OFF, the route may be set on them. To avoid this, set a waypoint on another road type and request calculation.

— Even if the preference is set to OFF for a ferry line, the route may be set on it. To avoid this, set a waypoint on a road and request calculation.

— Ferry lines, except those which accept only pedestrians, bicycles and motorcycles, are stored in this system. When using them, take into consideration the travel time required and operational condition to decide whether to use them or not.

ABOUT THE DISPLAY ERROR

The following cases may affect the display accuracy of the vehicle's position or travel direction. The accuracy will return to normal if the driving conditions return to normal.

— When there is a similar road nearby.

— When the vehicle is traveling on a long

stretch of straight road or series of curves with a large radius.

— When the vehicle is traveling in an area with a grid road system.

— When the vehicle is making consecutive S curves.

— When the vehicle is at a large Y-shaped junction.

— When the vehicle is on a loop bridge.

— When the vehicle is on a snow-covered or unpaved road.

— When the vehicle has made several consecutive turns or zigzags.

— When the vehicle is rotated on a parking lot turntable while the ignition switch is OFF.

— Immediately after the vehicle is driven out of a parking garage or underground parking lot.

— When the vehicle has different sizes of tires or tire chains.

— When the vehicle is moved immediately after the engine is started.

MEMO

MEMO

5 How do I program a destination?

Various ways to set the destination (or waypoint) 5-2
- Expert mode categories 5-2
- Easy mode categories 5-3
- Setting with the Address Book key 5-3
- Setting with the Previous Dest. key 5-6
- Setting with the Street Address key 5-8
- Setting with the Intersection key 5-14
- Setting with the Point of Interest (POI) key 5-21
- Setting with the City key 5-21
- Setting with the Phone Number key 5-26
- Setting with the Map key 5-28
- Setting with the Country key 5-30
- Setting with the Home key (in easy mode) 5-31

Having the system guide you to the destinations 5-32
- Making the system guide the route with detailed options 5-32

Adjusting and deleting the preset destination (waypoints) 5-39
- To delete a destination 5-41

All clear 5-42

Quick stop 5-43
- Quick stop customer setting 5-45

Where am I ? 5-46

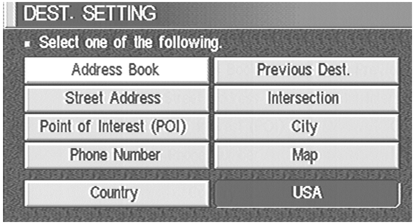
VARIOUS WAYS TO SET THE DESTINATION (OR WAYPOINT)

WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.

NOTE:

There may be a case that you cannot search by pointing at "Street Address", "Intersection" and "Point of Interest (POI)". This is because the map DVD-ROM data of Nunavut in Canada is undeveloped.

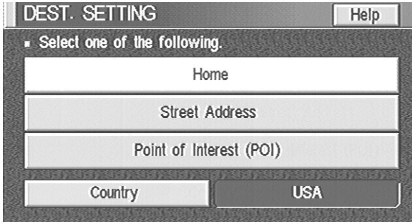


INV2315

EXPERT MODE CATEGORIES

To set the destination and waypoints, you can choose from the eight categories described below. Use these options to choose the best way to find the route to the destinations and waypoints.

- Address Book
- Previous Dest.
- Street Address
- Intersection
- Point of Interest (POI)
- City
- Phone Number
- Map



INV2316

EASY MODE CATEGORIES

When the Expert Mode is canceled, the following three categories will be displayed as Easy Mode.

- Home
- Street Address
- Point of Interest (POI)

INFO:

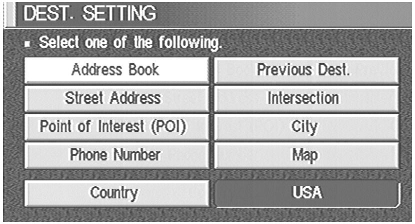
- Use the Address Book key and the Point of Interest (POI) key in the same way as in Expert Mode.

  Please refer to "Setting with the Address Book key" on page 5-3 and "Setting with the Point of Interest (POI) key" on page 6-2.
- If the Short Menus key is highlighted in amber in the [SETTINGS] screen, the screen is in Easy Mode. In this case, the keys displayed are different from the screen in Expert Mode.
- If you set a destination or waypoints, they will be displayed with icons.
- If you want to go to places close to the stored locations or facilities, use categories such as facility, nearby facility or memory for easier setting.
- When using either the Point of Interest (POI) or nearby Points of Interest categories, the names called up can be set as the destination if you do not scroll the screen. If you want to choose a different place on the screen from the one called up, you will have to scroll the screen.

SETTING WITH THE Address Book KEY

The Address Book will allow you to store locations in the memory. This is especially useful for locations that you visit frequently.

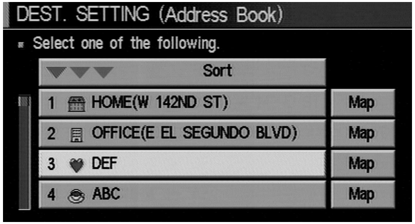
Please refer to "Setting up and editing the address book" on page 7-2.



INV2315

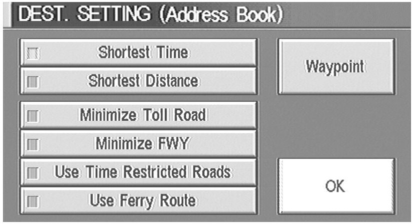
1. Press the DEST button.
2. Select the Address Book key on the [DEST. SETTING] screen.

The [DEST. SETTING (Address Book)] screen will be displayed.



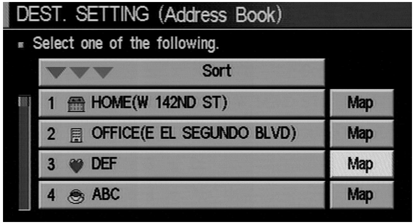
INV1787

3. Select the item key of your destination (waypoints) on the [DEST. SETTING (Address Book)] screen.



INV2382

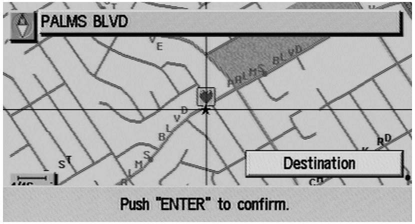
4. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.



INV1789

5. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).



INV1790

6. If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the ENTER button. Select the Destination key to confirm. The [DEST. SETTING (Address Book)] screen will be displayed.
   To set the destination (waypoint), refer to "Making the system guide the route with detailed options" on page 5-32.

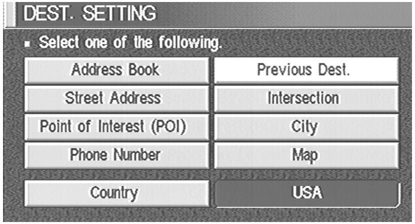
INFO:

To change the listing order, select the Sort key on the [DEST. SETTING (Address Book)] screen and tilt the joystick to the right or left, or press the ENTER button.

Please refer to "Changing the listing order" on page 7-8.

SETTING WITH THE Previous Dest. KEY

This system memorizes the last 10 destinations previously chosen, allowing you to set new destinations or waypoints from them.



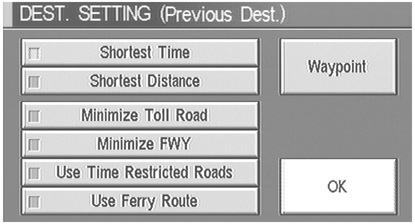
INV2318

1. Press the DEST button.
2. Select the Previous Dest. key on the [DEST. SETTING] screen.

A total of 10 destinations and locations previously set will be displayed.

INV2384

3. Select the item key of your destination (waypoints) on the [DEST. SETTING (Previous Dest.)] screen.



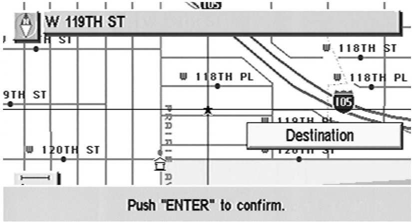
INV2385

4. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.

INV2386

5. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).



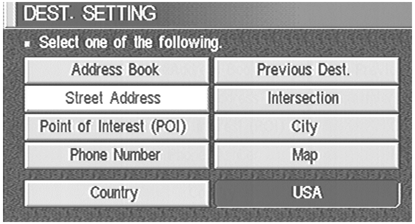
INV1484

6. If necessary, operate the joystick to adjust the location of the destination (waypoints). Press the ENTER button. Select the Destination key to confirm. The [DEST. SETTING (Previous Dest.)] screen will be displayed.
   To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.

SETTING WITH THE Street Address KEY

Sets the destination (waypoints) from the street names and addresses that you enter.

There are two search methods; direct search by the street names, and search by the street names after the state/province and/or the city are defined.



INV2319

1. First press the DEST button.
2. Select the Street Address key.

INV2351

Setting with the List key

The List key is used when you know the names of the destination and waypoints.

1. A keyboard will be displayed on the [DEST. SETTING (Street Address)] screen. Enter the street name you want to set.

INFO:

It is not possible to enter names if they are not stored in the DVD-ROM.

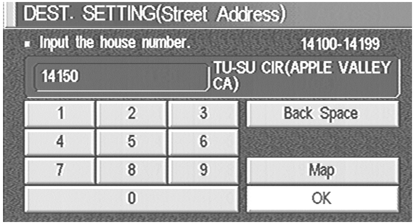
INV2321

2. Enter the street name of your destination. For example, enter T, then U.
3. Enter U, then select the List key. The list screen of street names which begin with TU will appear.

INV2322

- If less than 5 suggested streets remain, they will be displayed automatically without selecting the List key.
- The city names and street names will be displayed.
- Use the joystick to scroll the display.
- When the Next Search key is selected, it is possible to narrow down cities. To use this function, refer to "Setting with the City key" on page 5-12.
- When the PREVIOUS button is pressed, the screen to input street names will be displayed.

4. Select one street of your destination.



INV2324

5. Enter the house number.

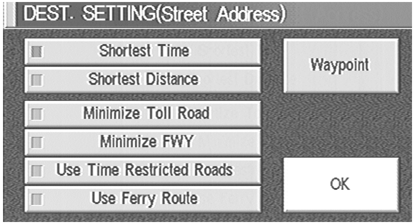
Select the OK key.

INFO:

It may not be possible to specify a location after selecting the OK key. In that case, a list of locations which correspond to the entered house number will be displayed.

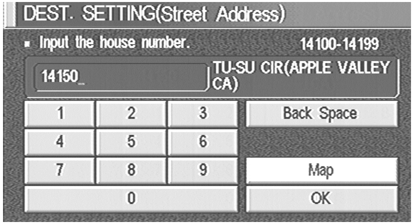
NOTE:

If a house number is entered and it is not a "direct hit" for house numbers already stored in the database, then only a map to the general vicinity will be displayed.



INV2325

6. To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-32.



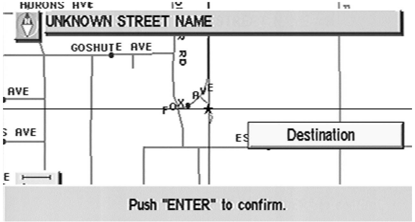
INV2323

7. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).

INFO:

- An approximate location corresponding to the house number entered is displayed. If necessary, correct the location using the joystick.
- The location displayed by the calculation using the house number may differ from the actual location. In that case, correct the location using the joystick.



INV1492

8. If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the ENTER button. Select the Destination key to confirm. The [DEST. SETTING (Street Address)] screen will be displayed.
   To set the destination (waypoint), refer to “Making the system guide the route with detailed options” on page 5-32.

INV2351

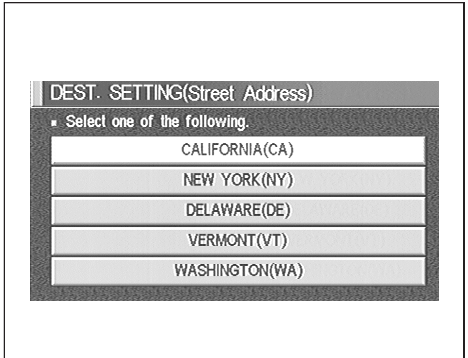
Setting with the State key

The State key is used when you select a state/province to set the destination.

1. Select the State key.

INV2327

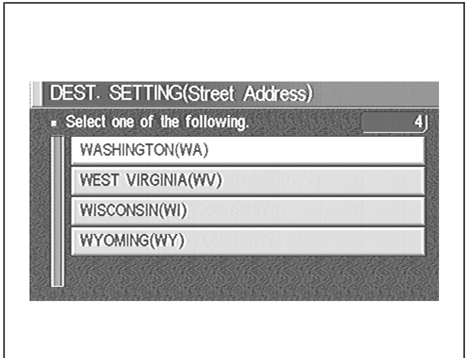
2. The display shows the screen to select states/provinces.
   Input a state/province name.



INV2328

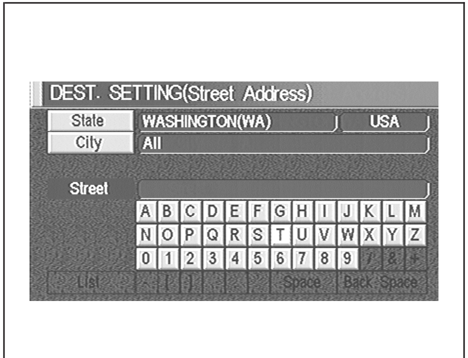
INFO:

When the Last 5 States key is selected in step 2, the previous five settings will be listed.



INV2329

3. The display shows the state/province list. Select a state/province name.



INV2330

4. The screen returns to the [DEST. SETTING (Street Address)] screen.
   When the state/province is set, the display shows the selected state/province next to the State key.

   Input the street name.

   Please refer to “Setting with the List key” on page 5-8.

INV2362

Setting with the City key

The City key is used when you select a city to set the destination.

1. Select the City key.

- The display shows the screen to select cities.

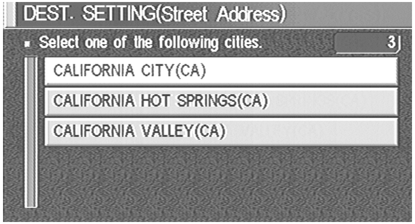
INV2332

2. Input a city name.

INV2333

INFO:

- When the Last 5 Cities key is selected in step 2, the history of the previous five settings will be listed.
- It is not possible to select cities if they are not in the state/province you set.



INV2334

3. The display shows the city list.

   Select a city of your choice.

INV2366

4. The screen returns to the [DEST. SETTING (Street Address)] screen.

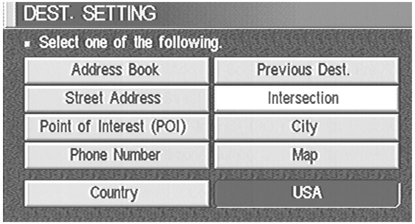
   When the city is set, the display shows the selected city beside the City key.

   Input the street name of your choice.

Proceed to “Setting with the List key” on page 5-8.

SETTING WITH THE Intersection KEY

This will allow you to set an intersection as a destination (waypoints).



INV2336

1. Press the DEST button.
2. Select the Intersection key.

   A keyboard will be displayed.

INV2387

Setting with the List key

The List key is used when you know the names of the destinations and waypoints.

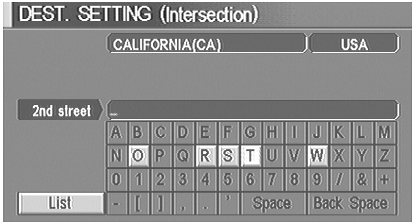
1. Enter the first street name where the destination (waypoints) is located using the keyboard, then select the List key.

INV2388

2. Select the name of the first street.

INFO:

- When the Next Search key is selected, it is possible to narrow down states/provinces and cities. To use this function, refer to "Setting with the City key" on page 5-19.
- For a road where lanes with different traffic directions are shown separately, the list shows first street name, second street name, ...
- When entering a street name, enter a minor street name as the first street and the calculation will be easier and quicker.



INV2389

3. Enter the second (intersecting) street name, then select the List key.

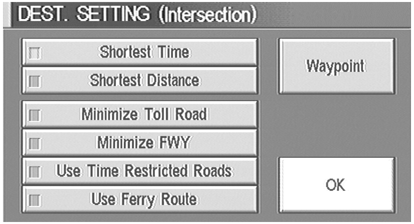
INFO:

If there are less than 5 streets which intersect the first street, they will be displayed automatically without selecting the List key.

INV2390

4. Select the name of the second street.

The [DEST. SETTING (Intersection)] screen will appear.



INV2391

5. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.

INV2392

6. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).

INV1510

7. If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the ENTER button. Select the Destination key to confirm. The [DEST. SETTING (Intersection)] screen will be displayed.
   To set the destination (waypoint), refer to "Making the system guide the route with detailed options" on page 5-32.

NOTE:

When the corresponding data does not exist under the following conditions, the street name list may not be displayed:

- **A street name is being input after the City key has been selected.**
- **The list is being displayed by selection of the List key.**

INV2393

Setting with the State key

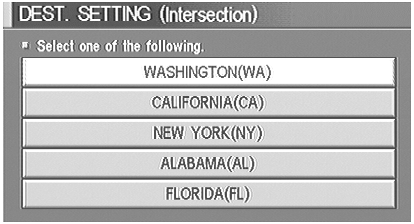
The State key is used when you select a state/province to set the destination.

1. Select the State key.

INV2394

2. The display shows the screen to select states/provinces.

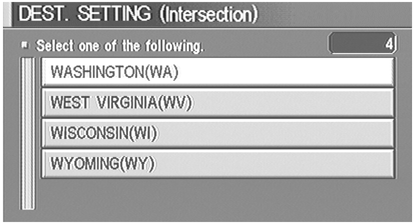
   Input a state/province name.



INV2395

INFO:

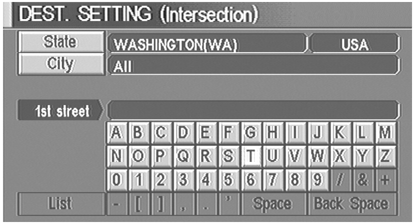
When the Last 5 States key is selected in step 2, the history of the previous five settings will be listed.



INV2396

3. The display shows the state/province list.

   Select a state/province name.



INV2397

4. The screen returns to the [DEST. SETTING (Intersection)] screen.

   When the state/province is set, the display shows the selected state/province next to the State key.

   Input the street name.

   Please refer to "Setting with the List key" on page 5-15.

INV2398

Setting with the City key

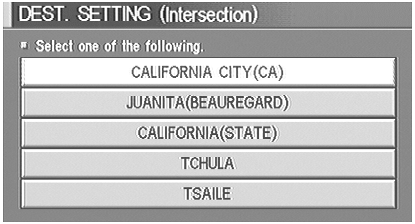
The City key is used to select an intersection from the specified city to set the destination.

1. Select the City key.

- The display shows the screen to select cities.

INV2399

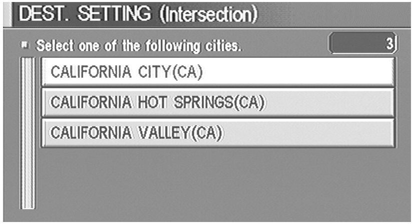
2. Input a city name.



INV2400

INFO:

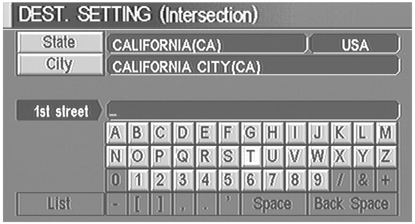
- When the Last 5 Cities key is selected in step 2, the history of the previous five settings will be listed.
- It is not possible to select cities if they are not in the state/province you set.



INV2401

3. The display shows the city list.

   Select a city of your choice.



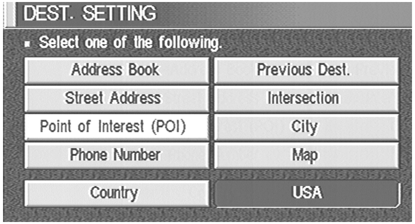
INV2402

4. The screen returns to the [DEST. SETTING (Intersection)] screen.

   When the city is set, the display shows the selected city next to the City key.

   Input the street name of your choice.

Proceed to “Setting with the List key” on page 5-15.



INV2337

SETTING WITH THE Point of Interest (POI) KEY

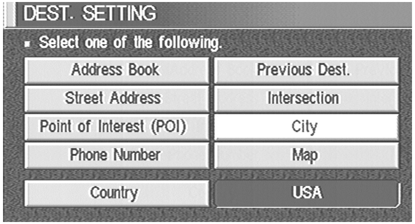
The NISSAN Navigation System includes a database of Point of Interest (POI) locations such as restaurants, hotels, and gas stations. (refer to section 6.)

By using this feature, you can set a Point of Interest location as a destination. For details on how to use the POI feature, please refer to section 6.

SETTING WITH THE City KEY

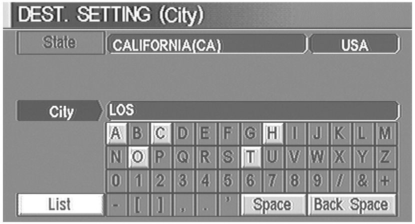
Sets the destination (waypoints) on the map screen of the area in and around the input city.

1. Press the DEST button.



INV2338

2. Select the City key on the [DEST. SETTING] screen.



INV2403

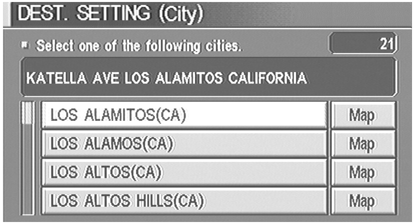
Setting with the List key

The List key is used when you know the names of the destination and waypoints.

1. Enter the characters of the city name which you wish to set as a destination (waypoints) using the keyboard on the [DEST. SETTING (City)] screen, then select the List key.

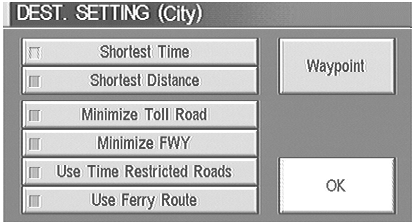
INFO:

- When the List key is selected, the data of the currently listed cities will be displayed.
- If less than 5 suggested cities remain, they will be displayed automatically without selecting the List key.



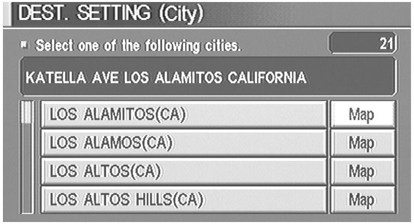
INV2404

2. Select the city name of your destination (waypoints) on the [DEST. SETTING (City)] screen.



INV2405

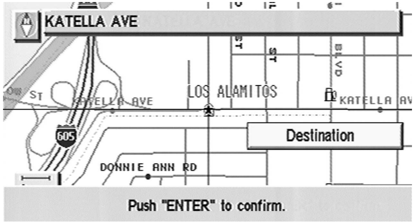
3. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.



INV2406

4. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).



INV1527

5. If necessary, operate the joystick to adjust the location of the destination (waypoints).
   Press the ENTER button. Select the Destination key to confirm.
   The [DEST. SETTING (City)] screen will be displayed.
   To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-32.

INV2407

Setting with the State key

The State key is used when you select a state/province to set the destination.

1. Select the State key.

INV2408

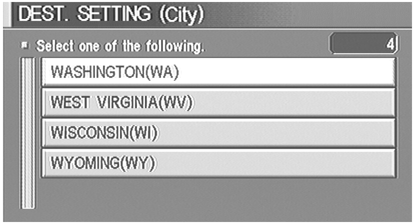
2. The display shows the screen to select states/provinces.

   Input a state/province name.

INV2409

INFO:

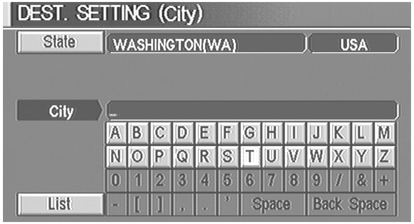
When the Last 5 States key is selected in step 2, the history of the previous five settings will be listed.



INV2410

3. The display shows the state/province list.

   Select a state/province name.



INV2411

4. The screen returns to the [DEST. SETTING (City)] screen.

   When the state/province is set, the display shows the selected state/province next to the State key.

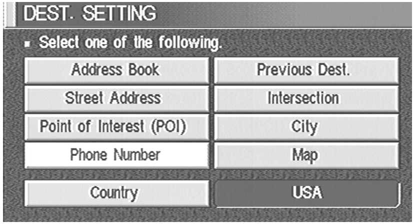
   Input the city name.

   Please refer to “Setting with the List key” on page 5-22.

SETTING WITH THE Phone Number KEY

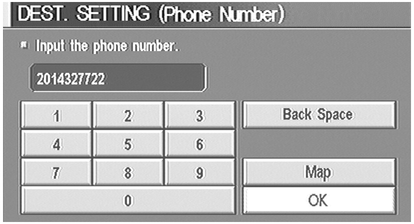
Sets the destination (waypoints) on the map screen of the area and around the input phone number.

1. Press the DEST button.



INV2339

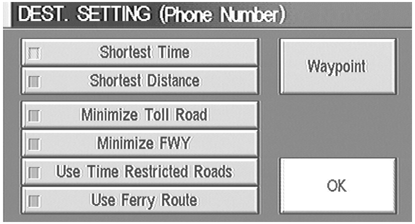
2. Select the Phone Number key on the [DEST. SETTING] screen.



INV2412

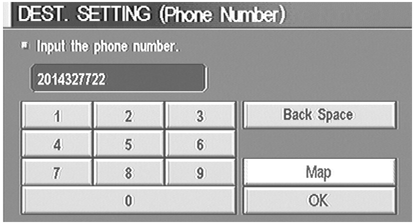
3. Enter the ten-digit phone number of the destination (waypoints) using the keyboard on the [DEST. SETTING (Phone Number)] screen.

4. If you select the OK key, the [DEST. SETTING (Phone Number)] screen will be displayed.



INV2413

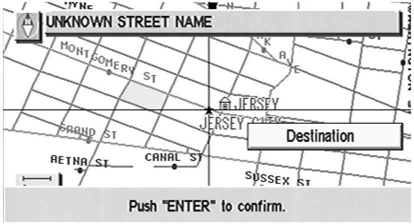
5. To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-32.



INV2414

6. To slightly alter the destination.

   Select the Map key to display the map screen of the area around the specified destination (waypoints).



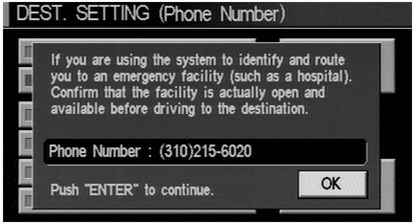
INV1537

7. If necessary, operate the joystick to adjust the location of the destination (waypoints).

Press the ENTER button.

Select the Destination key to confirm.

To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-32.



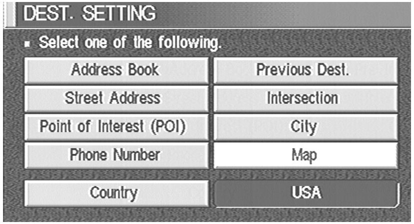
INV1849

INFO:

When a hospital is set as a destination, a telephone number of the destination will be displayed, if available.

SETTING WITH THE Map KEY

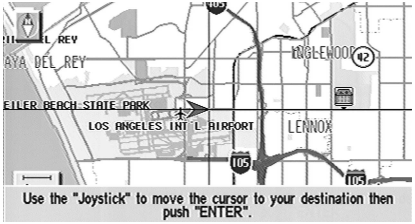
This will enable you to zoom into the map for detail and set the desired location. This works best when you know the location geographically, or want to check the geographical surroundings on the map before setting the destinations.



INV2340

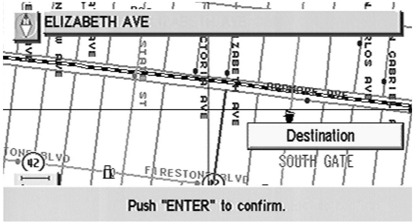
1. Press the DEST button.
2. Select the Map key.

The map of the entire area will be displayed.



INV1540

3. Operate the joystick to choose the destination (waypoints).

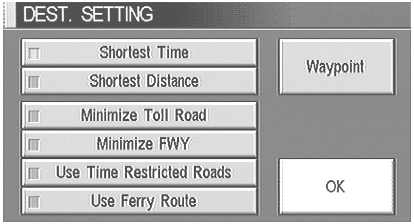


INV1541

4. Adjust the location using the joystick, and press the ENTER button.

5. Select the Destination key.

   The [DEST. SETTING] screen will appear.



INV2416

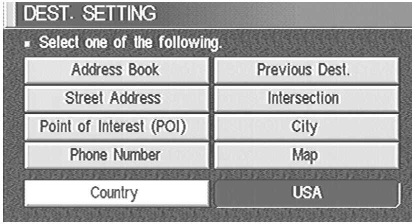
6. Please refer to “Making the system guide the route with detailed options” on page 5-32.

INFO:

When the OK key is selected in the [DEST. SETTING] screen, route calculation starts. If you want to add waypoints, select the Waypoint key.

SETTING WITH THE Country KEY

When the Street Address, Intersection, City, or Point of Interest (POI) key is used to set the destination (waypoints) in other countries, they are retrieved from the areas in the country which has been set in the country category. When setting the destination (waypoints) in other countries, select a country first.

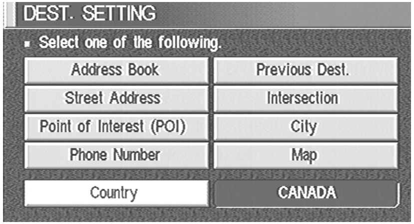


INV2341

1. Press the DEST button.

   The [DEST. SETTING] screen will be displayed.

   Select the Country key.



INV2342

2. Select the Country key.
   Each time the ENTER button is pressed, the country selection toggles between USA and Canada.

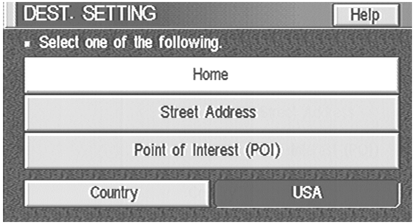
3. Then, the selected country will be displayed at the right of the Country key.

SETTING WITH THE Home KEY (IN EASY MODE)

Sets the home as a destination.

INFO:

In the Expert Mode, this key will not be displayed. Turn on the highlighted green Short Menus key in the [SETTINGS] screen.



INV2316

1. Press the DEST button.
2. Select the Home key.

INV2417

3. The [DEST. SETTING] screen will be displayed.
   Select the OK key.

To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-32.

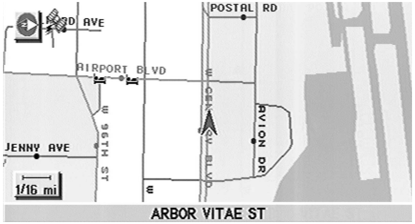
INFO:

If the home is not registered in the Address Book, the [EDIT ADDRESS BOOK (Street Address)] screen will be displayed. Please refer to “Setting with the Street Address key” on page 5-7.

HAVING THE SYSTEM GUIDE YOU TO THE DESTINATIONS

WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.



INV1547

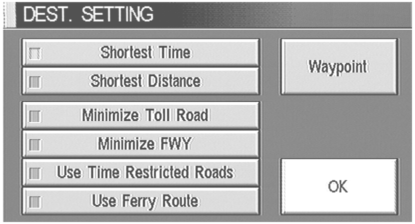
MAKING THE SYSTEM GUIDE THE ROUTE WITH DETAILED OPTIONS

By choosing the destination from the menu, you can choose detailed options such as waypoints and calculation conditions and have the system guide you from the current position to the destination.

Setting the destination

First, you will have to set the destination.

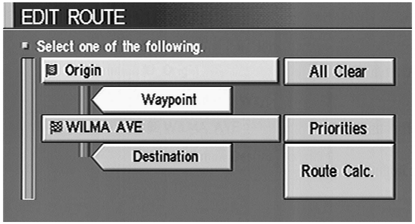
1. Select a destination using one of the methods described earlier in this chapter:
   — Address Book
   — Previous Destination
   — Street Address
   — Intersection
   — Point of Interest (POI)
   — City
   — Phone Number
   — Map
   — Home
2. Set the route priorities and select the Route Calc. key to calculate the route.



INV2418

INFO:

- If you select the OK key at this point, route calculation will start without any waypoints.
- Press the PREVIOUS button to display the [EDIT ROUTE] screen.



INV1549

Setting the waypoints

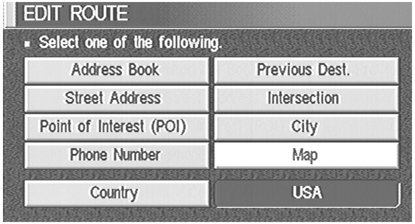
After you set a destination, you can set waypoints.

INFO:

- When the ROUTE button is pressed on the map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.
- The maximum number of waypoints that can be set is five (5).

Please refer to “Expert mode categories” on page 5-2.

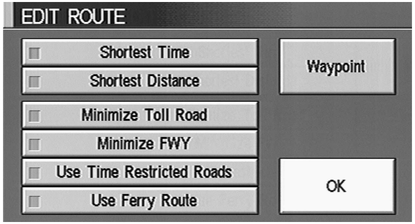
1. Select the Waypoint key or Destination key on the [EDIT ROUTE] screen.



INV2343

The [EDIT ROUTE] screen will be displayed.

2. Select a waypoint destination using one of the destination selection procedures outlined earlier in the chapter.



INV1551

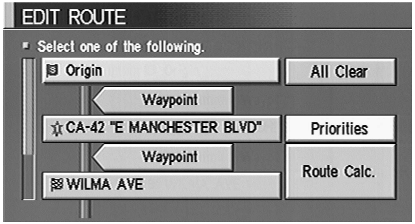
Select the conditions with high priorities.

If you want to get to your destination in the shortest time, select the Shortest Time key.

Selecting the key will turn the indicator light in the key ON, and selecting the key again will turn the indicator light OFF.

INFO:

- When you select the OK key at this point, route calculation will start without any additional waypoints.
- Press the PREVIOUS button to display the [EDIT ROUTE] screen.
- It is also possible to set a waypoint by selecting the Waypoint key in the [DEST. SETTING] screen.



INV1552

Setting the priorities for route calculation

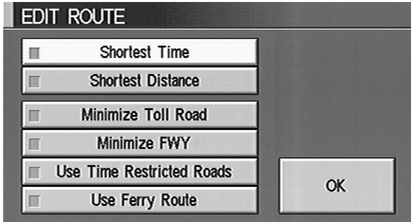
After the setting of destinations and waypoints is completed, set the calculation conditions such as route type with high priorities.

1. Select the Priorities key.

The screen for setting calculation conditions will appear. The conditions with the indicator light ON will have high priority.

INFO:

When the ROUTE button is pressed on the map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.



INV1553

2. Select the conditions with high priorities. Select each key on the screen to turn its respective indicator light ON or OFF.

Shortest Time **key:**

The route to the destination is calculated so that you can reach the destination in the shortest time. In some cases, a freeway or toll road with detours may be recommended.

NOTE:

It may not be the shortest time in all cases.

Shortest Distance **key:**

The route to the destination is calculated so that it is the shortest distance.

NOTE:

It may not be the shortest distance in all cases.

Minimize Toll Road **key:**

The route to the destination is calculated with minimum use of toll roads.

Minimize FWY **key:**

The route to the destination is calculated with minimum use of freeways.

Use Time Restricted Roads **key:**

The route using time restricted roads is calculated.

INV1862

When this key is selected and the OK key is pressed, a confirmation screen will be displayed.

When the Yes key is pressed, route calculation will start.

INFO:

The system considers time restricted roads as whole-day restricted.

NOTE:

If the "Use Time Restricted Roads" is not selected, the navigation system calculates a route without including carpool lanes.

The auto reroute function is activated and recalculates a route including carpool lanes if both of the following conditions are met:

- **the auto reroute function is turned ON.**
- **you deviate from suggested road and drive on a carpool lane.**

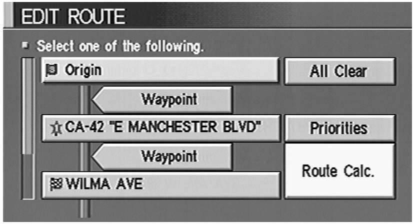
With this auto reroute calculation, a suggested route including carpool lanes will be displayed, and the message "The route has changed to include time restricted roads. Please be sure to obey traffic regulations." will be displayed on the screen. Because the suggested route provided at this time is calculated without taking regulations and limitations of time restricted roads into consideration at all, please drive safely and follow the actual roads and regulations when driving.

NOTE:

When driving on a time restricted road, be sure to obey traffic regulations.

Use Ferry Route **key:**

Select this key if you prefer routes with ferry lines.



INV1555

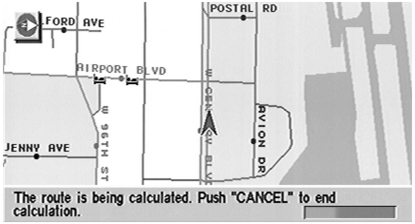
Route calculation and guidance

After setting all the items required, you may proceed to route calculation for guidance. After the route calculation is completed, the guidance will start automatically.

INFO:

When the ROUTE button is pressed on the map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.

Select the Route calc. key.



INV1556

Route calculation screen will be displayed.

The suggested route will be displayed with a thick blue line. If you enter this route, the voice guide will start.

INFO:

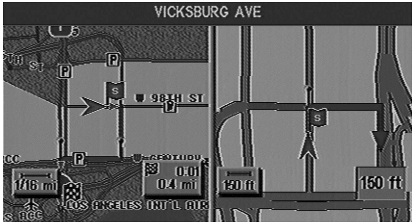
- If you want to cancel the route calculation, press the CANCEL button.
- If you set a place which is not suitable as a destination, the suggested route will not be displayed. In such a case, the OK key will be displayed on the screen. Select the OK key. Reset a correct destination.

INV1557

- If route calculation is not possible with all the set preferences, the system may look up a route that does not exactly correspond to the preferences.
- When deleting the settings of destinations or waypoints, press the ROUTE button.

Enlarged intersection display

The enlarged map will be displayed during route guidance, unless the Map button is pressed. If the Map button is pressed after the route guidance has been set, the display will switch to the ordinary map, but when the vehicle approaches a guide point such as an intersection, the enlarged map will automatically be displayed. Once you pass the guide point, the display will return to the ordinary map.



NAV2024

INFO:

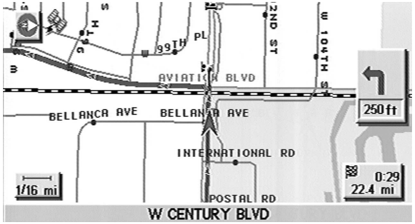
- When the Map button is pressed right before the guide point, only the ordinary map will be displayed for the guide point.
- If route numbers are included in the map data, route numbers will be displayed on the left side of the screen.
- If street names are displayed in two lines, route numbers will not be displayed.

NOTE:

- **When the guide point is close to the guidance start point, the enlarged map may not be displayed.**
- **The guide point name may not be displayed.**
- **The position of the vehicle icon on the enlarged map may differ from the position on the current display.**

1. Press the MAP or PREVIOUS button.

The map screen will appear.



INV1559

INFO:

To display the enlarged map, press the MAP button or PREVIOUS button.

2. When the vehicle arrives at the neighborhood of the destination, the route guidance will end automatically.

INFO:

- To alternate between the map and the enlarged screen, press the MAP button or PREVIOUS button.
- In the map screen, the distance to the next guide point and the turning direction will be displayed on the right side of the screen.

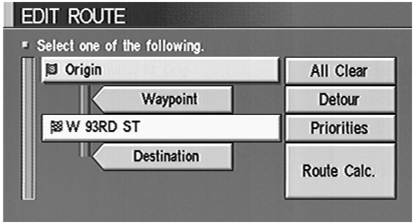
ADJUSTING AND DELETING THE PRESET DESTINATION (WAYPOINTS)

Using the joystick, you can **adjust the destination** (waypoints).

1. Press the ROUTE button.

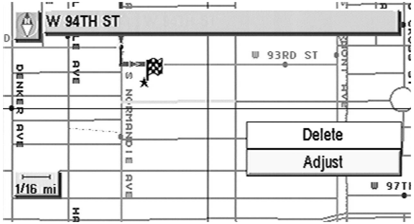
INV1560

2. Select the [Edit Route] key.



INV1561

3. Choose the destination (waypoints) you want to adjust on the [EDIT ROUTE] screen.



INV1562

4. The map screen will be displayed for adjusting. Use the joystick to adjust the location.

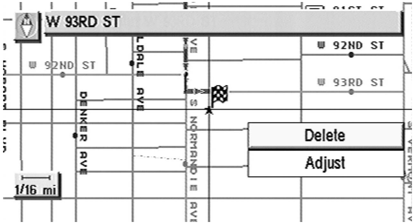
INFO:

When you move the joystick, the [Adjust] key will be displayed.

INV1563

5. Select the Adjust key.

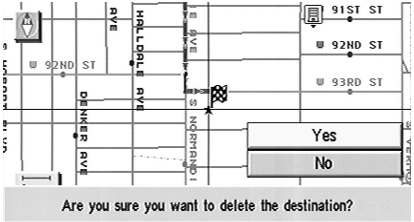
The new destination (waypoints) will be set.



INV1564

TO DELETE A DESTINATION

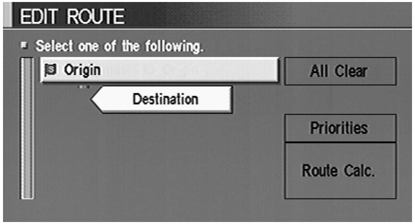
1. To delete the destination (waypoint), choose the destination (waypoint) in step 3 and select the Delete key.



INV1565

2. Select the Yes key.

The preset destination (waypoints) will be deleted.



INV1566

3. Press the Map button to return to the map screen.

INFO:

- To set a new destination (waypoints), refer to “Expert mode categories” or “Easy mode categories” on page 5-2.
- If you reset the new destination (waypoints), the older destination (waypoints) will be deleted. If you have requested a route calculation, the previous suggested route will be deleted from memory.

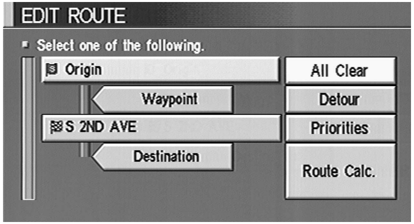
ALL CLEAR

INV1560

The destination and waypoint can be deleted at one time.

1. Press the ROUTE button.
   Several keys will be displayed on the right of the screen.

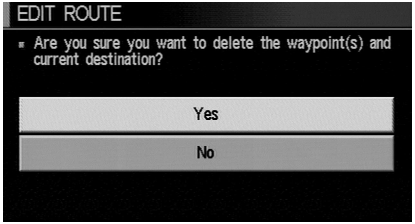
   Select the Edit Route key.



INV1568

2. The [EDIT ROUTE] screen will be displayed.

   Select the All Clear key.



INV1876

3. Select the Yes key.

QUICK STOP

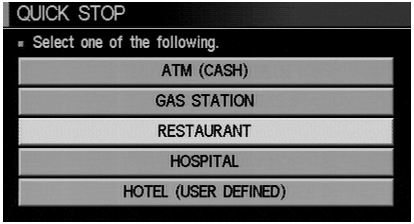
INV1570

The system will display pre-defined POIs (Points of Interest) in the current vicinity of the vehicle and the distances to them. These POIs can be gas stations, hotels, restaurants, ATM's or customer-programmed facilities. This function will operate while the vehicle is moving.

1. Press the ROUTE button.

The display shows several keys on the right of the screen.

Select the Quick Stop key.



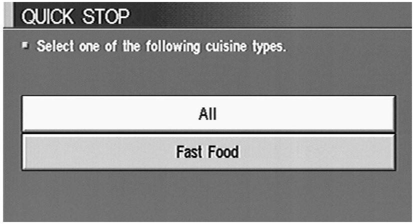
INV1878

2. The display shows the [QUICK STOP] screen.

   Select the category of your choice.

INFO:

Five categories are displayed on the screen. The last one can be customized. When you use a POI category frequently, it is convenient to use the quick stop function. Please refer to "Quick stop customer setting" on page 5-44.



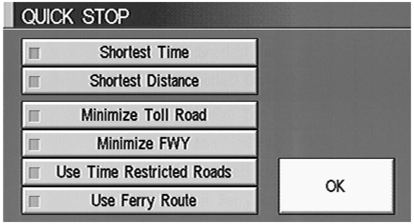
INV1572

3. The cuisine selection screen is displayed only when the RESTAURANT key is selected. Select the All key or Fast Food key.

INV1573

4. The display shows the direction and distance from the current vehicle position to the selected facility.

   Select the facility name you want to set as a destination (waypoints).

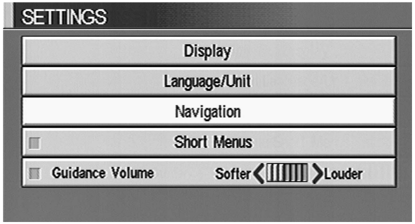


INV1574

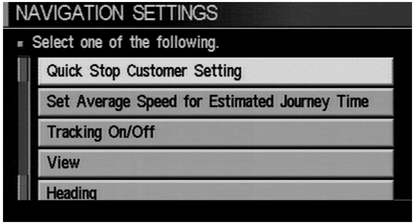
5. Set route priorities, then select the OK key. Route calculation to the destination will be started.

INFO:

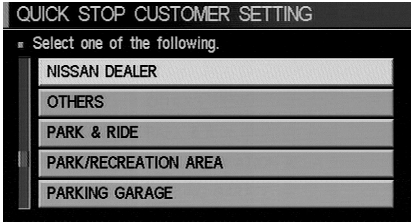
If quick stop is set after the destination was set, the system starts the route calculation to the location as the waypoint. Five waypoints can be registered at the same time.



INV1466



INV1882



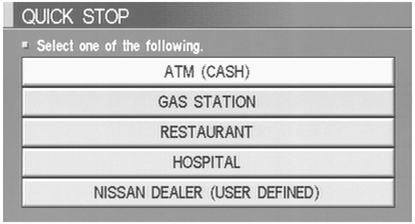
INV1883

QUICK STOP CUSTOMER SETTING

1. Press the SETTING button.
2. Select the Navigation key on the [SETTINGS] screen.
3. Select the Quick Stop Customer Setting key on the [NAVIGATION SETTINGS] screen.
4. Select a facility you frequently visit. For example, select the NISSAN DEALER key.

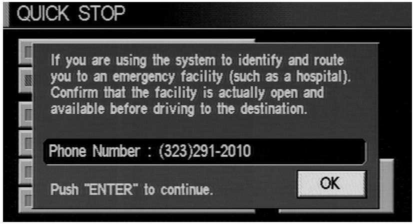
   When it is set, the screen returns to the previous screen.

   Press the MAP button to return to the map.



INV1578

5. Press the ROUTE button. Then, select the Quick Stop key, and press the ENTER button. The display shows the selected facility in the last row.



INV1885

INFO:

When a hospital is set as a destination, a telephone number of the destination will be displayed, if available.

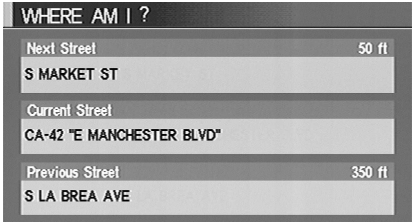
WHERE AM I ?

INV1580

This key is used to find the name of the street on which the vehicle is currently located.

1. Press the ROUTE button.

Several keys appear on the right of the screen. Select the Where am I ? key.



INV1581

2. The display shows the [WHERE AM I ?] screen, which includes the next, current, and previous streets. Each one shows the streets which the vehicle is approaching, currently traveling on, and those streets the vehicle was previously traveling on.

   Press the MAP or PREVIOUS button to return to the map.

MEMO

6 How do I use the Point of Interest (POI) feature?

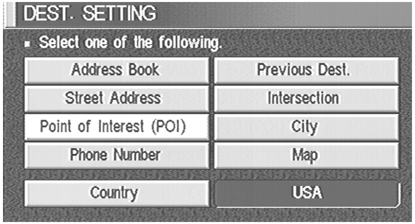
Setting with the Point of Interest (POI) key 6-2
- Setting with the List key 6-2
- Setting with the Category key.................................. 6-5
- Setting with the State key... 6-7
- Setting with the City key... 6-10
- Setting with the Nearby key.................................... 6-12

POI categories 6-14
Setting the nearby display icons.................................... 6-15

SETTING WITH THE Point of Interest (POI) KEY

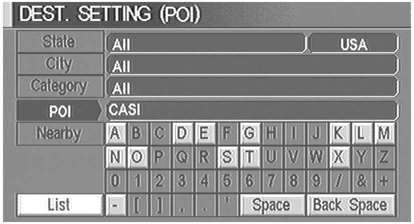
The keys in Point of Interest (POI) are List, Category, State/Province, City and Nearby, and they are explained below.

1. First press the DEST button.



INV2337

2. Select the Point of Interest (POI) key on the [DEST. SETTING] screen.



INV2419

SETTING WITH THE List KEY

The List key is used when you know the exact names of the destinations and waypoints.

1. Input the facility name for your destination, then select the List key.

NOTE:

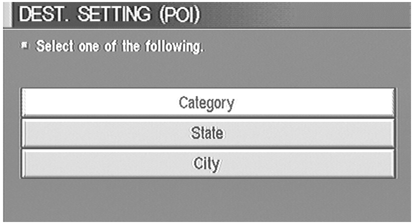
For a quicker search, input the state/province, city and category before searching for your desired destination.

INFO:

If the system detects that the number of corresponding facilities or cities is five or less, the display shows the list screen automatically.

INV2420

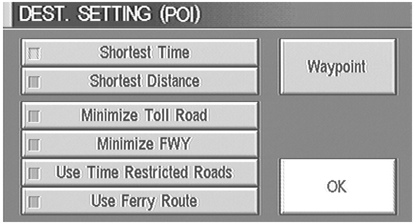
2. The display shows the screen to select a facility or the Info key.



INV2421

When the Next Search key is selected, it is possible to narrow down categories, states/provinces and cities.

To use this function, refer to “Setting with the Category key”, “Setting with the State key” and “Setting with the City key” on pages 6-5, 6-7 and 6-10.



INV2422

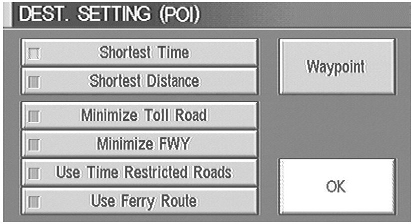
3. When a facility name is selected, the display shows the [DEST. SETTING (POI)] screen to set the destination.

   To set priorities, select the OK key. Then, the route calculation will be started.
   When you alter the destination or set way-points, select the Waypoint key.

   Please refer to “Making the system guide the route with detailed options” on page 5-32.

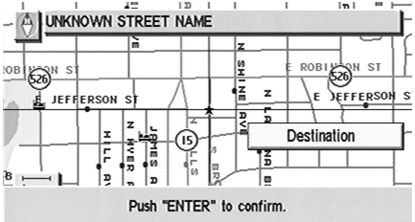
INV2423

- When the Info key next to the facility name of your choice is selected in step 2, the display shows the detailed [Address] and [Telephone number] of the selected facility, and the Map and Enter keys.



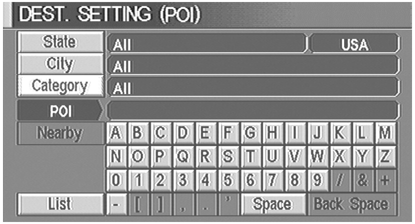
INV2422

- When setting the facility as the destination, select the Enter key. The display shows the [DEST. SETTING (POI)] screen to set the destination.
  Set priorities and select the OK key. Then, the route calculation will be started.
  When you alter the destination or set way-points, select the Waypoint key.
  Please refer to “Making the system guide the route with detailed options” on page 5-32.



INV1589

- When the Map key is selected, the display shows the map. When the ENTER button is pressed, the display shows the Destination key.

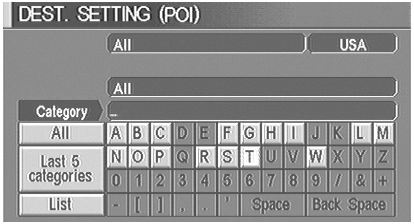


INV2425

SETTING WITH THE Category KEY

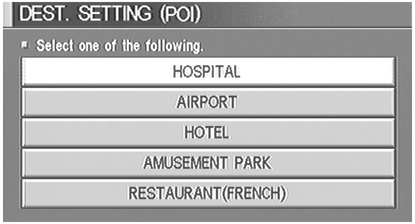
The Category key is used when you select a facility category to set the destination.

1. Select the Category key.



INV2426

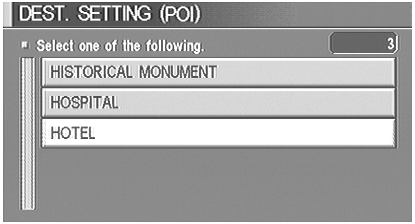
2. The display shows the screen to select categories.
   Input a category name.



INV2427

INFO:

When the Last 5 Categories key is selected in step 2, the history of the previous five settings will be listed.

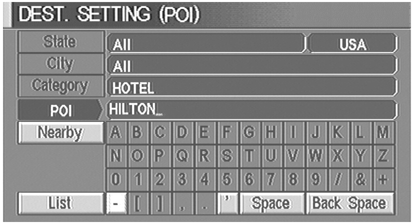


INV2428

3. The display shows the category list. Select a category name.

INFO:

When the RESTAURANT key is selected, the screen to input the cuisine type will be displayed.

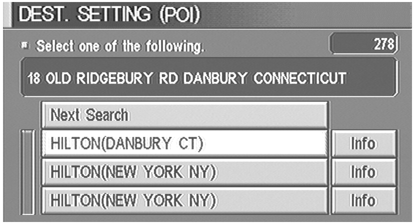


INV2429

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the category is set, the display shows the selected category beside the Category key.
   Input the facility name.

INFO:

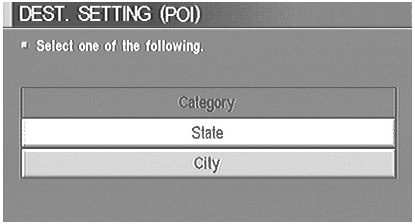
- If you do not know the facility name you want to go to, select the List key so that the facility names in the category will be listed in alphabetical order.
- It may take some time to show the list, depending on categories.



INV2430

5. When a facility name is input, the system retrieves the facility name according to the selected category and the input letters. Then, the display shows the screen to select a facility and the Info key.

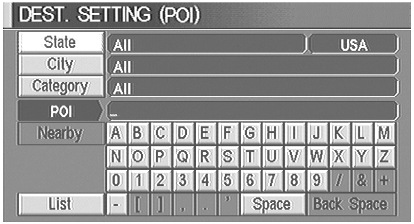
   Please refer to “Setting with the List key” on page 6-2.



INV2431

When the Next Search key is selected, it is possible to narrow down states/provinces and cities within the selected category.

To use this function, refer to “Setting with the State key” and “Setting with the City key” on pages 6-7 and 6-10.

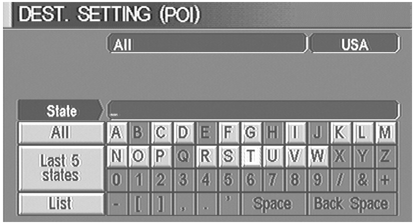


INV2432

SETTING WITH THE State KEY

The State key is used when you select a state/province to set the destination.

1. Select the State key.



INV2433

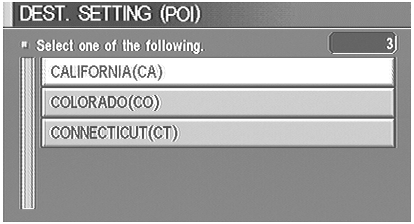
2. The display shows the screen to select states/provinces.

   Input a state/province name.

INV2434

INFO:

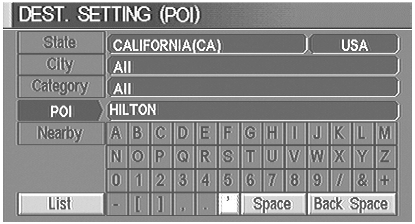
When the Last 5 States key is selected in step 2, the previous five settings will be listed.



INV2435

3. The display shows the state/province list.

   Select a state/province name.



INV2436

4. The screen returns to the [DEST. SETTING (POI)] screen.

   When the state/province is set, the display shows the selected state/province next to the State key.
   Input the facility name.

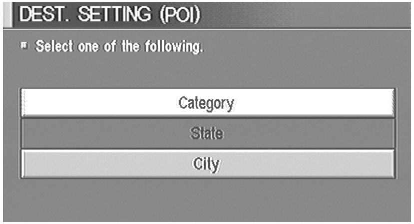
INFO:

If you do not know the facility name, select the Category key to retrieve a facility. When the facility is set from the Category key, the display shows the selected facility beside the Category key.

INV2437

5. When a facility name is input, the system retrieves the facility according to the selected state/province and the input letters. Then, the display shows the screen to select a facility and the Info key.

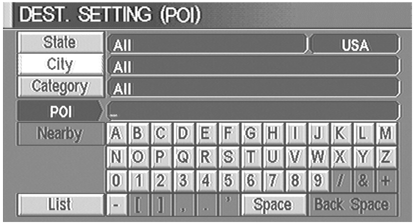
   Please refer to "Setting with the List key" on page 6-2.



INV2438

When the Next Search key is selected, it is possible to narrow down categories and cities within the selected state/province.

To use this function, refer to "Setting with the Category key" and "Setting with the City key" on pages 6-5 and 6-10.



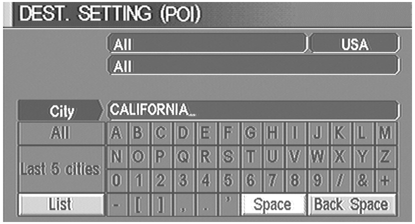
INV2439

SETTING WITH THE City KEY

The City key is used to retrieve a facility from the specified city to set the destination.

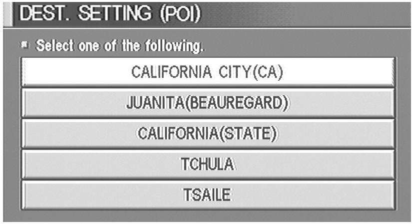
1. Select the City key.

- The display shows the screen to select cities.



INV2440

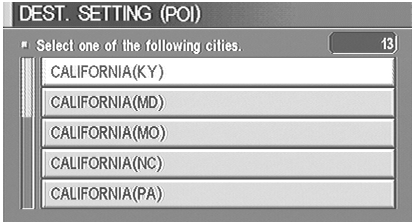
2. Input a city name.



INV2441

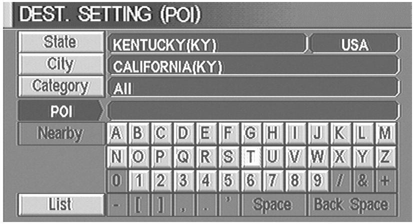
INFO:

When the Last 5 Cities key is selected in step 2, the previous five settings will be listed.



INV2442

3. The display shows the city list.
   Select a city of your choice.



INV2443

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the city is set, the display shows the selected city beside the City key.
   Input the facility name of your choice.

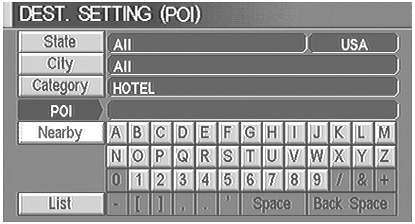
INFO:

- If you do not know the facility name, select the Category key to retrieve a facility. When the facility is set from the Category key, the display shows the selected facility beside the Category key.
- It may take some time to show the list, depending on categories.

INV2444

5. When the facility name is input, the system retrieves the facility name according to the selected city and the input letters. Then, the display shows the screen to select a facility and the Info key.

   Please refer to “Setting with the List key” on page 6-2.



INV2445

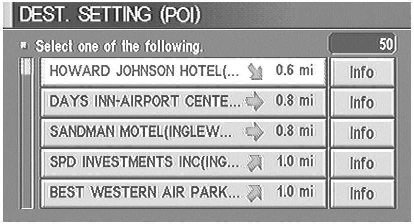
SETTING WITH THE Nearby KEY

The Nearby key is used to retrieve a facility within 30 miles (50 km) from the current vehicle location.

1. Select the Point of Interest (POI) key on the [DEST. SETTING (POI)] screen.
2. Set the category according to page 6-5.
3. Select the Nearby key.

INFO:

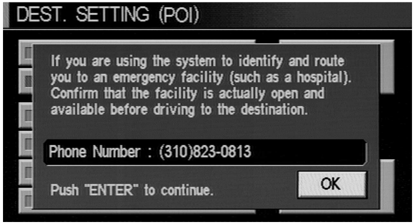
- Facilities in the selected category will be listed from the nearest to the farthest.
- The Nearby key is available only when a category is set. Set a category first.



INV2446

- When there are any nearby facilities based on the selected category, the display shows the list of facility names, directions and distances from the current vehicle location, and the Info keys.

  Please refer to “Setting with the List key” on page 6-2.



INV1923

INFO:

When a hospital is set as a destination, a telephone number of the destination will be displayed, if available.

POI CATEGORIES

AIRPORT
AMUSEMENT PARK
ATM
AUTO SERVICE & MAINTENANCE
AUTOMOBILE CLUB
BANK
BORDER CROSSING
BOWLING CENTER
BUS STATION
BUSINESS FACILITY
CASINO
CITY CENTER
CITY HALL
COLLEGE AND UNIVERSITY
COMMUNITY CENTER
COMMUTER RAIL STATION
CONVENTION/EXHIBITION CENTER
COURT HOUSE
FERRY TERMINAL
GAS STATION
GOLF COURSE
GROCERY STORE
HISTORICAL MONUMENT
HOSPITAL
HOTEL
ICE SKATING RINK
INFINITI DEALER
LIBRARY
MARINA
MOTORCYCLE DEALERSHIP
MOVIE THEATER
MUSEUM
NIGHTLIFE
NISSAN DEALER
OTHERS
PARK & RIDE
PARK/RECREATION AREA
PARKING GARAGE
PARKING LOT
PERFORMING ARTS
POLICE STATION
RENTAL CAR AGENCY
REST AREA
RESTAURANT
SCHOOL
SHOPPING
SKI RESORT
SPORTS CENTER
SPORTS COMPLEX
TOURIST ATTRACTION
TOURIST INFORMATION
TRAIN STATION
WINERY

SETTING THE NEARBY DISPLAY ICONS

Five types of facilities can be displayed on the map using respective icons, including:

— ATMs

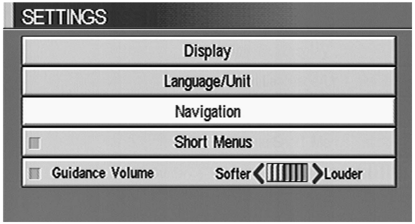
— Gas stations

— Hotels

— Restaurants

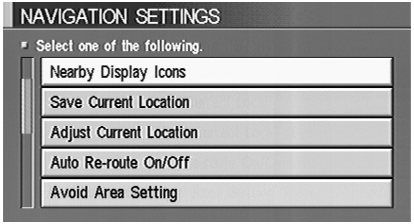
— Rest areas

1. Press the SETTING button on the control panel.



INV1466

2. Select the Navigation key on the [SETTINGS] screen.



INV2458

3. Select the Nearby Display Icons key on the [NAVIGATION SETTINGS] screen.

The [NEARBY DISPLAY ICONS] screen will be displayed.

INV1614

INV1615

4. Select the facility you wish to display, and press the PUSH ENTER button.

INFO:

Every time the PUSH ENTER button is pressed, the indicator lights of the items are turned ON and OFF alternately.

ON: To display nearby icons.

OFF: To stop displaying nearby icons.

The icons of the selected facilities will be displayed.

INFO:

When the MAP button is pressed, the current location will be displayed.

When the PREVIOUS button is pressed, the previous screen will reappear.

7 How do I use the address book feature?

Setting up and editing the address book........................ 7-2
Setting up the address book.. 7-2
Using various categories to store locations 7-2
Storing current vehicle position 7-4
Storing locations of your choice................................. 7-5
Confirming the stored locations 7-6
Changing the listing order 7-8
Editing the address book.. 7-8
Changing stored names.. 7-9
Changing the icons.. 7-10
Adjusting the stored address book entries............. 7-14
Deleting stored locations.. 7-16

SETTING UP AND EDITING THE ADDRESS BOOK

You can store locations in the address book for quicker access, or name the location and set a special icon on the map.

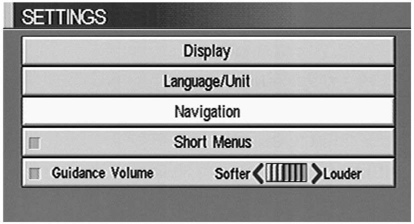
SETTING UP THE ADDRESS BOOK

You can store your favorite places or the places you frequently visit. By storing them, you can retrieve them quickly on the display, enabling easier setting of these destinations.

USING VARIOUS CATEGORIES TO STORE LOCATIONS

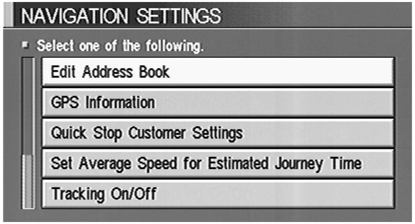
You can choose various categories in the menu to store the locations. The categories are: Street Address, Points of Interest (POI), Phone Number, Map, Intersection, City and Previous Dest.

1. Press the SETTING button.



INV1466

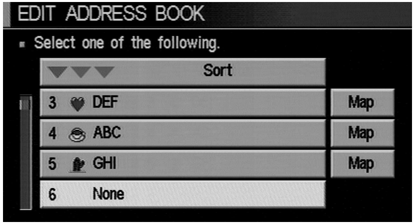
2. Select the Navigation key.



INV1618

The [NAVIGATION SETTINGS] screen will be displayed.

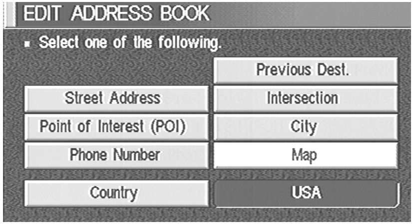
3. Select the Edit Address Book key.



INV1925

The [EDIT ADDRESS BOOK] screen will be displayed.

4. Choose an unused number location on the address book list.



INV2344

5. Store location.

Set a location to be stored in the same way as when setting a destination (waypoints).

Please refer to “Expert Mode Categories” on page 5-2.

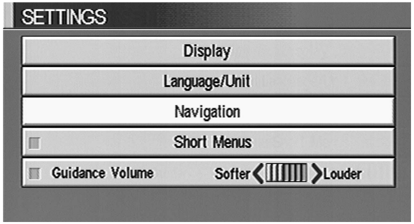
INFO:

- Press the MAP button to go back to get the current vehicle display.
- The maximum number of the stored locations is 50, including your home and office.

- If you want to store places close to POI, it is quicker to use the Point of Interest (POI) key.

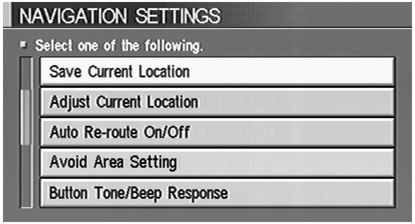
STORING CURRENT VEHICLE POSITION

1. Press the SETTING button.

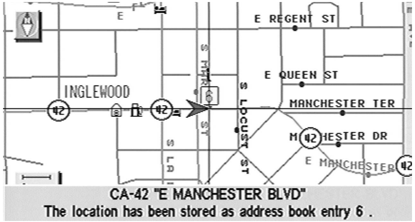


INV1466

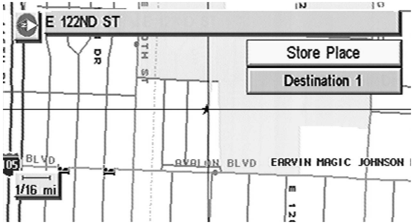
2. Select the Navigation key.



INV2459



INV1623



INV1624

3. The [NAVIGATION SETTINGS] screen will be displayed.

4. Select the Save Current Location key.

The current location of the vehicle will be stored in the next available address book location, and will be displayed on the vehicle icon screen.

INFO:

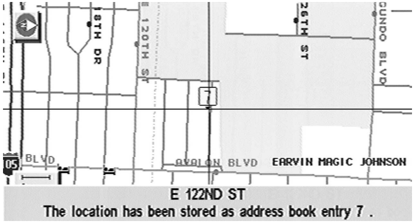
- If the number of the stored locations exceeds 50, a message will appear “Memory is full. Delete old one to store new one”.
- If you store more than one location at the same place, the location stored in the database with the largest identification number will be displayed.
- If you store the location by the location store function, the stored name may differ, depending on the scale used in the display.
- The unused and smallest identification number will be assigned to the newly set location.

STORING LOCATIONS OF YOUR CHOICE

You can use the joystick to store desired locations.

1. Scroll the map to the desired location with the joystick, then press the ENTER button. The display shows several keys on the right of the screen.

2. Select the Store Place key.



INV1625

The registered number will be displayed at that location on the map.

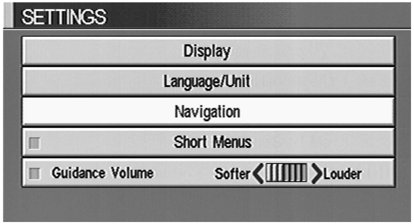
INFO:

Press the MAP button once or PREV button twice to go back to the current vehicle display.

CONFIRMING THE STORED LOCATIONS

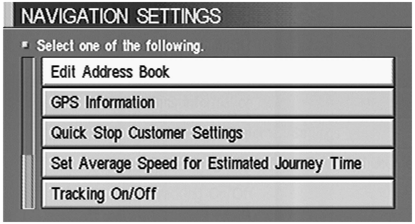
To confirm that the locations have been stored:

1. Press the SETTING button.



INV1466

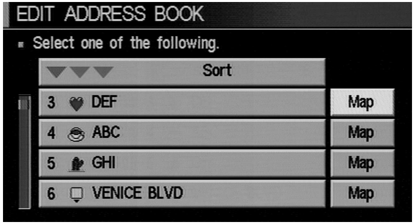
2. Select the Navigation key.



INV1618

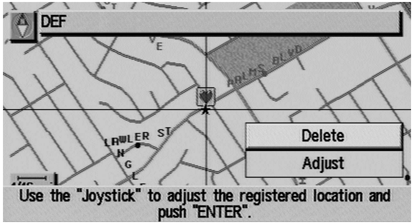
The [NAVIGATION SETTINGS] screen will be displayed.

3. Select the Edit Address Book key.



INV1931

4. Choose the Map key next to the location that you want to confirm.

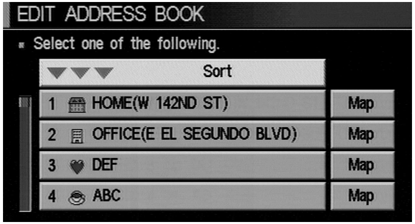


INV1932

The stored location will be displayed on the map.

INFO:

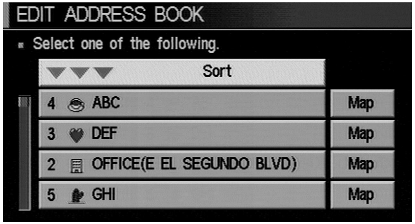
- If you want to confirm several stored locations, press the PREVIOUS button.
- To go back to the map display, press the MAP button.



INV1933

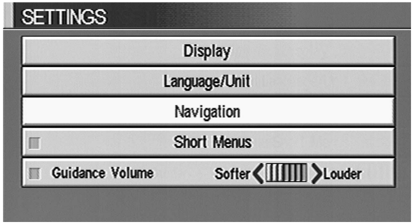
CHANGING THE LISTING ORDER

1. Select the Sort key on the [EDIT ADDRESS BOOK] screen.



INV1934

2. To change the listing order, tilt the joystick to the right or left, or press the ENTER button.
   When the left indicator (▼) is highlighted: list in the order of numbers
   When the center indicator (▼) is highlighted: list in the order of icons
   When the right indicator (▼) is highlighted: list in alphabetical order

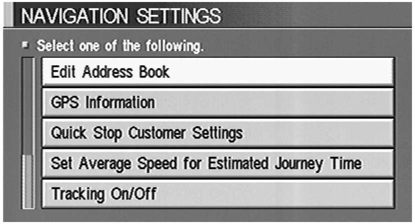


INV1466

You can alter the names or the icons of the stored locations.

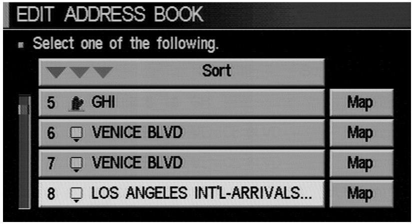
CHANGING STORED NAMES

1. Press the SETTING button.



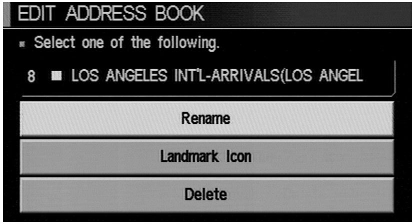
INV1618

2. Select the Navigation key.
3. Select the Edit Address Book key.



INV1935

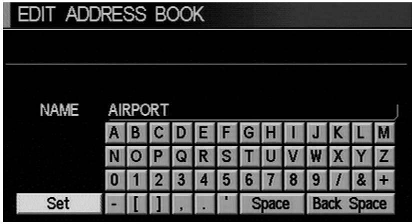
4. Choose the stored location you want to change the name of.



INV1936

5. Select the Rename key.

The change name screen will be displayed.



INV1937

6. Select the Set key after entering the new name.

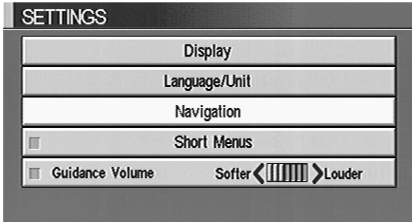
INFO:

To go back to the map display, press the MAP button.

CHANGING THE ICONS

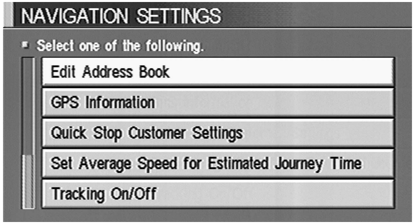
1. You can display the icon at a stored location.

Press the SETTING button.



INV1466

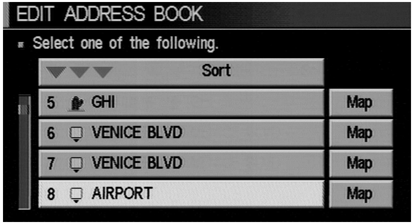
2. Select the Navigation key.



INV1618

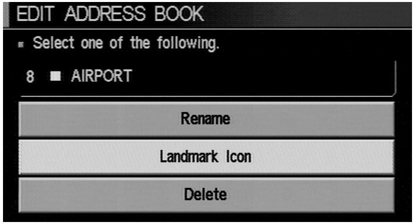
The [NAVIGATION SETTINGS] screen will be displayed.

3. Select the Edit Address Book key.



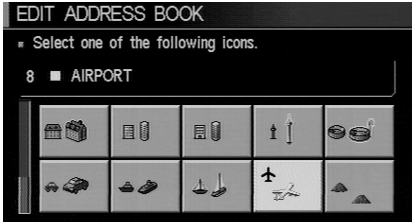
INV1938

4. Choose a stored location where you want to set the icon.



INV1939

5. Select the Landmark Icon key.

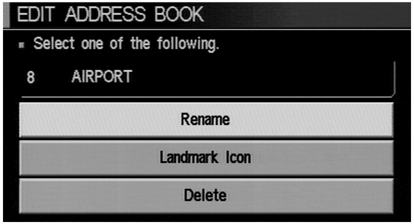


INV1940

6. Choose an icon.

The picture displayed on the left [icon] is a planview icon and the picture displayed on the right [icon] is a Birdview™ icon.

The icon of the stored location will be set.



INV1941

INFO:

- To go back to the screen displaying the current vehicle position, press the MAP button.
- If you press the PREVIOUS button, the screen will go back to the screen displayed in step 5.
- If you alter the icon of the stored location, the icon on the map will also change.

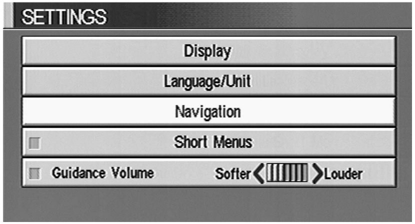
Legend of icons which can be set for the stored locations

INV1755

ADJUSTING THE STORED ADDRESS BOOK ENTRIES

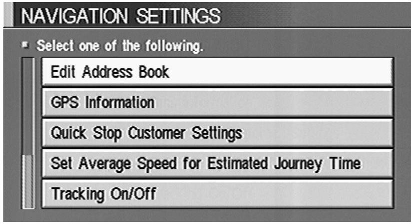
You can easily adjust the point of the stored location with the joystick.

1. Press the SETTING button.



INV1466

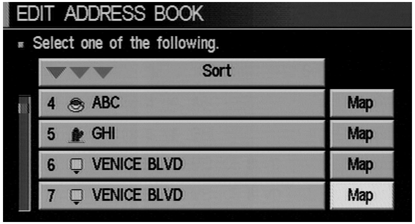
2. Select the Navigation key.



INV1618

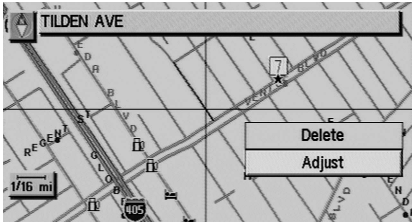
The [NAVIGATION SETTINGS] screen will be displayed.

3. Select the Edit Address Book key.



INV1942

4. Choose the Map key next to the stored location you want to adjust.



INV1943

5. Use the joystick to set the new location.

INV1944

6. Select the Adjust key.

The location is updated after the update message is shown. The screen goes back to the screen displayed in step 4.

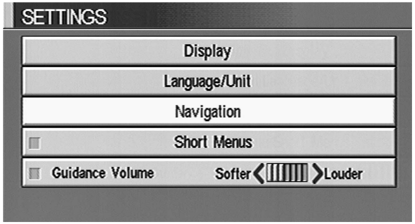
INFO:

To go back to the screen displaying the current vehicle position, press the MAP button.

DELETING STORED LOCATIONS

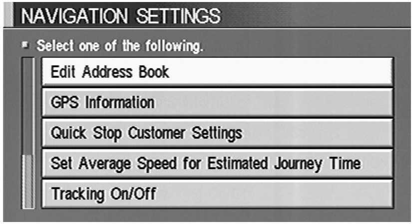
You can delete the stored locations you no longer need from the system memory.

1. Press the SETTING button.



INV1466

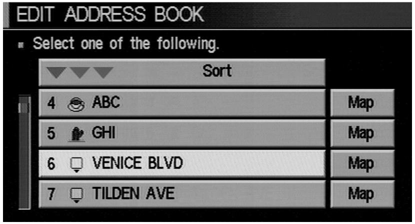
2. Select the Navigation key.



INV1618

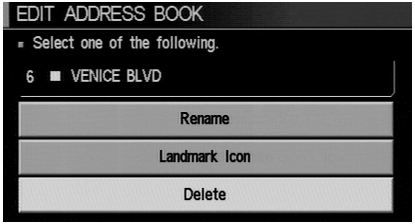
3. The [NAVIGATION SETTINGS] screen will be displayed.

   Select the Edit Address Book key.



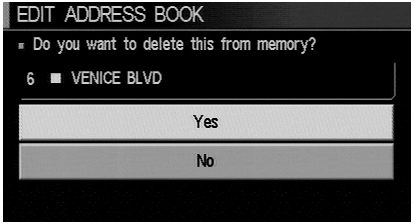
INV1945

4. Select the location you want to delete.



INV1946

5. Select the Delete key.



INV1947

6. The system will ask for a confirmation. If correct, select the Yes key. The location will be deleted. After the deletion message is shown, the screen goes back to the screen displayed in step 4.

INFO:

To go back to the screen displaying the current vehicle position, press the MAP button.

MEMO

8 How do I use the avoid area feature?

Setting avoid areas 8-2
Setting with the selected location key 8-5
Renaming the avoid areas 8-5
Deleting the avoid areas 8-7
Setting with the Map key 8-8

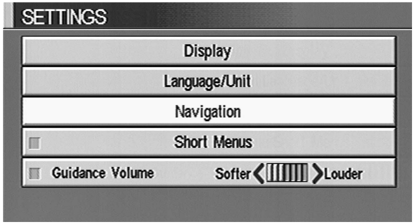
SETTING AVOID AREAS

Setting “avoid areas” will give you a route away from areas you wish to avoid.

INFO:

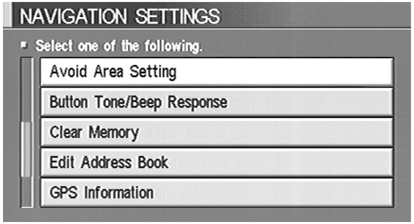
If the vehicle icon is in the “avoid area”, route calculation cannot be completed.

1. Press the SETTING button.



INV1466

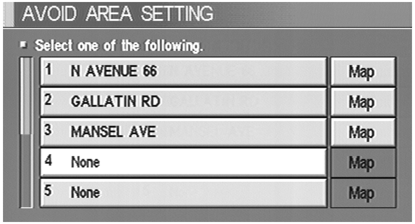
2. Select the Navigation key.



INV2448

3. The display shows the [NAVIGATION SETTINGS] screen.

Select the Avoid Area Setting key.



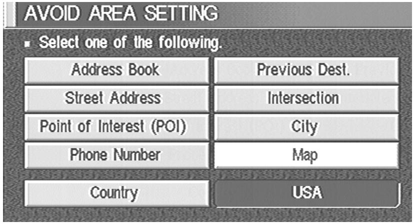
INV2449

4. The display shows the [AVOID AREA SETTING] screen.

Select a key which is not set as an “avoid area”.

INFO:

It is possible to set up to 10 areas to avoid.



INV2345

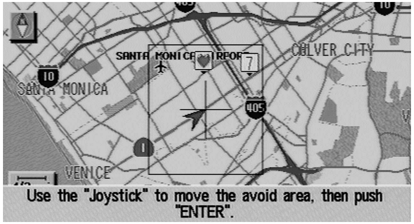
5. The display shows categories which can be used to set an “avoid area”.

For example, use the Map key to set an “avoid area”.

Select the Map key.

INFO:

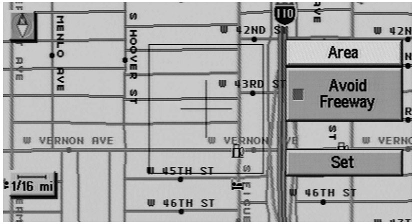
For setting with other categories, please refer to “Expert mode categories” on page 5-2.



INV1951

6. The display shows the map which centers the area to be set as an “avoid area”.

Use the ZOOM IN or ZOOM OUT button to adjust the map reduction scale.

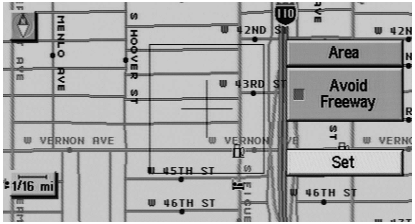


INV1952

7. Use the joystick to adjust the location.

INFO:

Area size: Max. 5 x 5 miles (8 x 8 km)



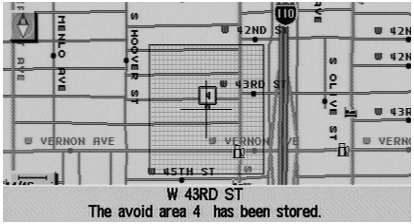
INV1953

8. The display shows the keys on the right of the screen.

Select the Set key.

INFO:

- If you want to avoid the freeway in that area, select the Avoid Freeway key to turn on the amber indicator on the key. (Indicator ON: avoid, OFF: do not avoid)
- When altering the size of the “avoid area”, select the Area key. The area size is increased or decreased by three scales.



INV1954

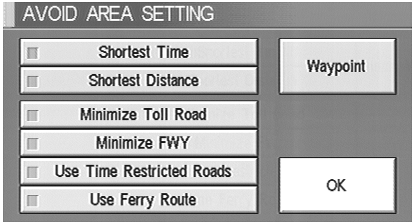
9. The “avoid area” is set, and the grid will be displayed on the screen.

INFO:

The grid color will be displayed in green or blue.

(Avoid Freeway ON: green, OFF: blue)

If the route guidance is set, the display shows the [AVOID AREA SETTING] screen.



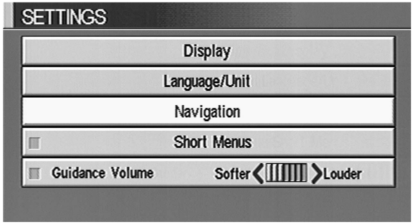
INV2450

10. Please refer to “Making the system guide the route with detailed options” on page 5-32.

If the route guidance is not set, the display shows the current vehicle location.

SETTING WITH THE SELECTED LOCATION KEY

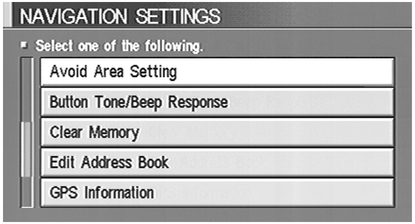
When the stored “avoid area” is selected, it can be renamed or deleted.



INV1466

RENAMING THE AVOID AREAS

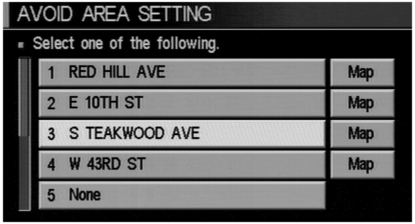
1. Press the SETTING button.
2. Select the Navigation key.



INV2448

3. The display shows the [NAVIGATION SETTINGS] screen.

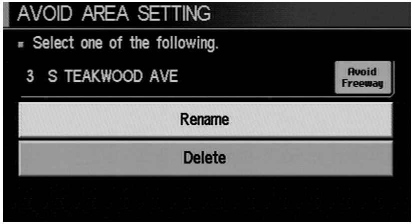
Select the Avoid Area Setting key.



INV1956

4. The display shows the [AVOID AREA SETTING] screen.

Select a key which is set as an “avoid area”.



INV1957

5. Select the Rename key.

INV2453

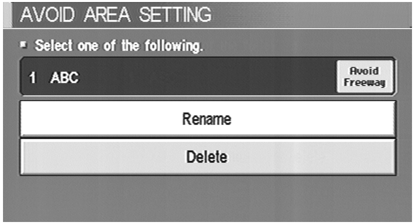
6. The display shows the keyboard.

   Enter the area name using the keyboard.

When the Set key is selected, the “avoid area” is renamed, and the screen returns to the previous screen.

INFO:

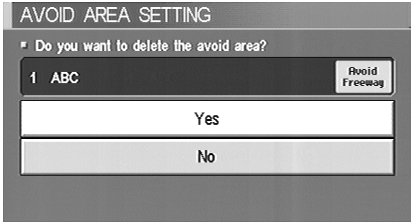
When the Back Space key is selected, the cursor moves back to the previous letter. When the Space key is selected, the cursor proceeds to make one space.



INV2454

DELETING THE AVOID AREAS

1. Select the Delete key on the screen in step 5 under “Renaming the avoid areas”.



INV2455

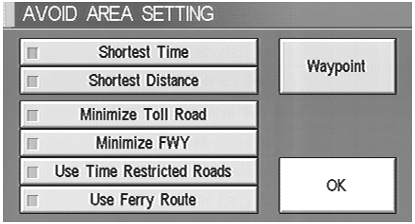
2. Select the Yes key.

The “avoid area” is deleted.

If the route guidance is set, the display shows the [AVOID AREA SETTING] screen.

INFO:

When the No key is selected, the “avoid area” will not be deleted, and the screen returns to the previous screen.



INV2456

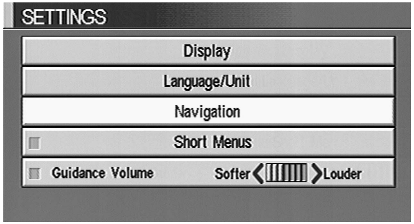
3. Please refer to “Making the system guide the route with detailed options” on page 5-32.

If the route guidance is not set, the display shows the current vehicle location.

SETTING WITH THE Map KEY

When the stored “avoid area” is selected, it can be adjusted or deleted.

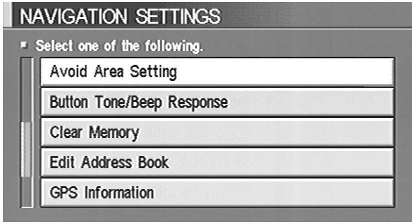
Press the SETTING button.



INV1466

Adjusting the stored avoid areas

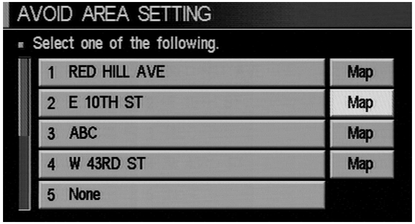
1. Select the Navigation key.



INV2448

2. The display shows the [NAVIGATION SETTINGS] screen.

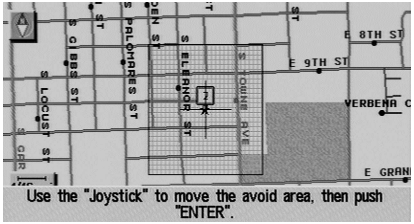
Select the [Avoid Area Setting] key.



INV1961

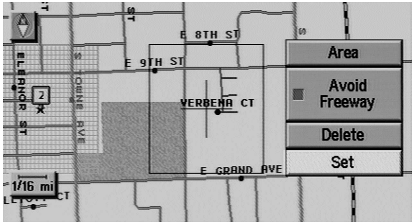
3. The display shows the [AVOID AREA SETTING] screen.

Select the [Map] key of stored “avoid areas”.



INV1962

4. Use the joystick to adjust the location.



INV1963

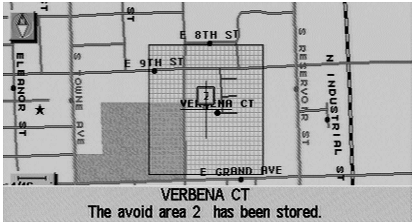
5. Press the ENTER button.

   The display shows the keys on the right of the screen.

Select the Set key.

INFO:

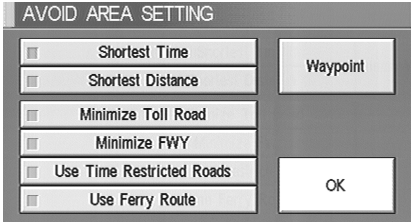
- If you want to avoid the freeway in that area, select the Avoid Freeway key to turn on the amber indicator on the key. (Indicator ON: avoid, OFF: do not avoid)
- When altering the size of the avoid area, select the Area key. The area size is increased or decreased by three scales.



INV1964

6. The “avoid area” is set, and the grid is displayed on the screen.

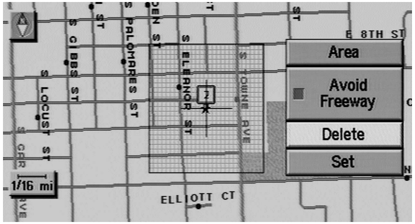
If the route guidance is set, the display shows the [AVOID AREA SETTING] screen.



INV2456

7. Please refer to “Making the system guide the route with detailed options” on page 5-32.

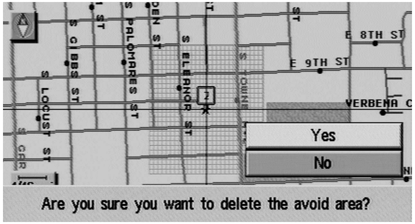
If the route guidance is not set, the display shows the current vehicle location.



INV1965

Deleting the stored avoid areas

1. Select the Delete key on the screen shown in step 5 under “Adjusting the stored avoid areas”.



INV1966

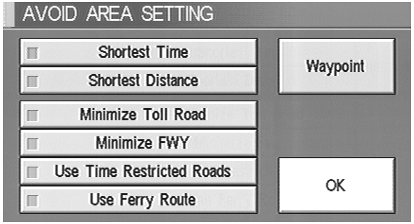
2. Select the Yes key when asked if you are sure you want to delete the “avoid area”.

The “avoid area” is deleted.

If the route guidance is set, the display shows the [AVOID AREA SETTING] screen.

INFO:

When the No key is selected, the “avoid area” will not be deleted, and the screen returns to the previous one.



INV2456

3. Please refer to “Making the system guide the route with detailed options” on page 5-32.

If the route guidance is not set, the display shows the current vehicle location.

MEMO

9 How do I use the automatic rerouting feature?

Rerouting when the vehicle is off the suggested route 9-2
Automatic rerouting 9-2
Detouring from the route temporarily 9-3

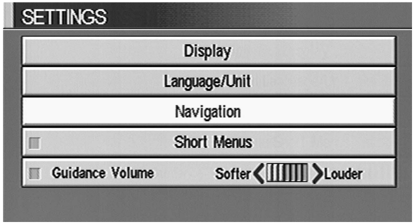
REROUTING WHEN THE VEHICLE IS OFF THE SUGGESTED ROUTE

When you have strayed from the suggested route during the route guidance, you can request a reroute from the current location using the automatic rerouting function.

AUTOMATIC REROUTING

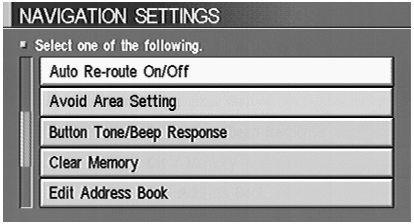
This setting will reroute the vehicle automatically when the driver deviates from the suggested road. You will have to set the system for automatic rerouting to enable this function.

1. Press the SETTING button.



INV1466

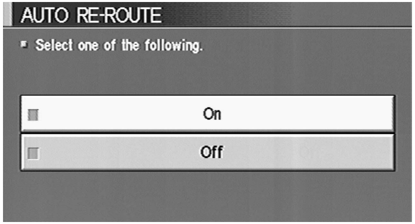
2. Select the Navigation key.



INV2460

3. The display shows the [NAVIGATION SETTINGS] screen.

Select the Auto Re-route On/Off key.



INV1680

4. When turning on/off the auto reroute, select the On or Off key.
   When the ENTER button is pressed, the selected key will be illuminated.

5. Press the MAP button.

The map screen will reappear, and the system will start route calculation automatically.

INFO:

- When optional routes are not found, the original route will be displayed.
- When the vehicle runs off the suggested route with the automatic rerouting function activated, route recalculation will be attempted so that the vehicle returns to the original route. However, if the vehicle stays off the route, the system will calculate a new route.

DETOURING FROM THE ROUTE TEMPORARILY

If you encounter a traffic jam, you can ask the system to calculate a detour with the preset distance.

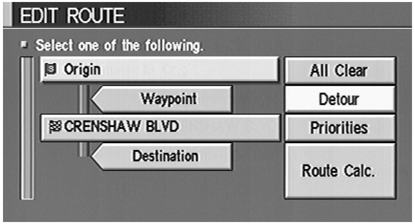
NOTE:

The detour feature is only available when a destination has been set.

1. Press the ROUTE button.

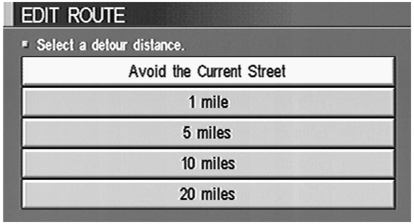
INV1681

2. Select the Edit Route key.



INV1682

3. Select the Detour key.



INV1683

4. Set the distance for detour calculation.

The system will look for a detour according to the distance set from the current location.

INFO:

- When the Avoid the Current Street key is selected, a detour route to approximately 20 miles (30 km) will be calculated if the distance to the next guide point intersection exceeds 20 miles (30 km).
- If an alternative route cannot be found, the previous route before calculation will be displayed.
- If the vehicle is traveling at a high speed, the

suggested detour may start from a point the vehicle has already passed.

MEMO

10 How do I use the voice guidance feature?

About voice guidance 10-2
Basics of voice guidance 10-2
Adjusting the guide volume 10-2
Directions given and the distance to the road points 10-2
Notification of an intersection on an ordinary road 10-2
Notification of consecutive intersections on an ordinary road 10-2
Notification of an entrance to a freeway 10-2
Notification of a freeway junction 10-3
Notification of an exit from a freeway 10-3
Notification of the vehicle approaching a destination 10-3
Requesting current voice information 10-3
Notes on the voice guidance 10-4

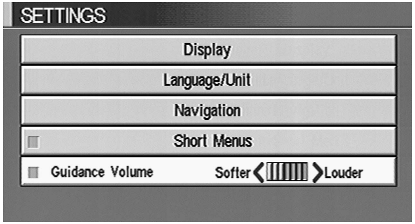
WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.

BASICS OF VOICE GUIDANCE

The voice guidance will verbally tell you which direction to turn when the vehicle approaches the intersection in which you have to make a turn to reach your destination.

- **There may be some cases in which the voice guidance and the actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information on the DVD or due to the vehicle's speed.**
- **In case the content of the voice guidance does not match the actual road conditions, follow the information obtained from traffic signs or notices on the road.**



INV1684

ADJUSTING THE GUIDE VOLUME

1. Press the SETTING button on the control panel.
2. When turning on/off the voice guidance, push the ENTER button. When the Guidance Volume key is illuminated with a green indicator, it is activated. When turning up/down the voice guidance, touch the Louder or Softer key. The voice will become louder/softer.

DIRECTIONS GIVEN AND THE DISTANCE TO THE ROAD POINTS

Directions will differ, depending on the road type.

INFO:

Distances may vary, depending on the vehicle speed.

NOTIFICATION OF AN INTERSECTION ON AN ORDINARY ROAD

"In a quarter mile (400 meters), right (left) turn."

"Right (left) turn ahead."

NOTIFICATION OF CONSECUTIVE INTERSECTIONS ON AN ORDINARY ROAD

"In a quarter mile (400 meters), right (left) turn, then left (right) turn."

"Right (left) turn ahead, then left (right) turn."

NOTIFICATION OF AN ENTRANCE TO A FREEWAY

"In a quarter mile (400 meters) freeway entrance on your right onto (road number and direction)."

"Freeway entrance on your right onto (road number and direction)."

NOTIFICATION OF A FREEWAY JUNCTION

"In about one mile (1.6 kilometers), keep to the right (left) onto (road number and direction), then in a quarter of a mile keep to the left (right)."

"Keep to the right (left) onto (road number and direction), then in a quarter mile (400 meters) keep to the left (right) onto (road number and direction)."

"Keep to the left (right) onto (road number and direction)."

NOTIFICATION OF AN EXIT FROM A FREEWAY

"In about one mile (1.6 kilometers), exit on your right."

"Take the second exit on your right."

NOTIFICATION OF THE VEHICLE APPROACHING A DESTINATION

Ordinary road:

When the vehicle approaches a destination, the voice will say, "You have arrived at your destination. Ending route guidance." For the remainder of the way, please find your direction on the map display.

Dark green road:

After passing the last turning point on a suggested route, the voice will say, "En route to your destination, some roads contain incomplete map data. Turn guidance will not be provided in this area."
When approaching the end point of the suggested road, the voice will say, "Entering the road with incomplete map data. Please use the direction arrow and distance information to proceed to your destination."

REQUESTING CURRENT VOICE INFORMATION

INV1685

This is available during route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination.

Press the VOICE button.

The current condition will be announced.

INFO:

- If you press the VOICE button when you are off the suggested route and when the automatic reroute function is off, the voice will announce: "Proceed to the highlighted route."
- If you press the VOICE button when you are going in the wrong direction, the voice will

announce: “Please make a legal U-turn if possible.”

NOTES ON THE VOICE GUIDANCE

- The voice guidance in this system should be regarded as a supplementary function. When driving your vehicle, check the route on the map display and follow the actual road and all traffic regulations.
- The voice guidance is activated only for junctions with certain conditions. In some cases you may need to turn, even if there is no voice guidance.
- The content of the voice guidance may vary, depending on the direction of the turn and the type of junction with other roads.
- The route guidance will be activated at various times depending on the situation.
- When the vehicle is off the suggested route, route guidance is not available. The system will not inform you of this; please refer to the map display and request rerouting.
- At freeway junctions, the road numbers and directions may not accurately correspond with the voice guidance.
- At freeway exits, the street names may not accurately correspond with the voice guidance.
- The displayed street names may sometimes differ from the actual names or “UNKNOWN STREET NAME” may be displayed.

Please refer to “Automatic rerouting” on page 9-2.

- When the green indicator on the Guidance Volume key is not illuminated, the voice guidance is not available.
- The voice guidance will start when the vehicle enters the suggested route. Before entering the route, refer to the map display for the direction.
- When the vehicle approaches a waypoint, the voice will say, “You have arrived at waypoint 1 (2, 3, 4,...).” The guidance will switch to the next route section. While the voice guidance is not available, please refer to the map display for the direction.
- In some cases, the voice guidance ends before arrival at the destination. In such cases, drive the vehicle by referring to the destination icon displayed on the map screen.
- When the system can judge on which side the destination (waypoint) is located, the voice guidance will say “on the right” after announcing the arrival at the destination.
- Voice guidance may not operate as specified or may not operate at all due to the angle of roads at intersection entrances and exits.

11 How do I adjust the display?

Screen information — Planview display 11-2
Screen information — Birdview™ display 11-2
Switching between Birdview™ and Planview displays 11-4
Zooming in and out of the map 11-6
Changing the display direction (in Planview display) 11-7
Scrolling the map 11-9
Displaying the complete route to the destination 11-10
Displaying turn list 11-11
Requesting the simulation drive to the destination 11-13
Cancel simulation 11-14
Displaying the track 11-15
GPS information display 11-17
Updating the current vehicle location and the direction 11-18
Setting automatic beep sound 11-20
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Adjusting the display brightness 11-21
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Display off 11-26
Setting display duration 11-27
How to handle the display 11-28
Characteristics of liquid crystal display 11-28
Maintenance of the display 11-28

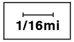
SCREEN INFORMATION — PLANVIEW DISPLAY

INV1686

Direction key:

This indicates and sets the direction of the map on the display.

Please refer to “Changing the display direction (in Planview display)” on page 11-7.

 **Map scale:**

This display indicates the scale on the current map.

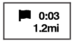
Vehicle icon:

This icon indicates your vehicle and the direction of travel.

GPS indicator:

This will tell you the strength of the GPS signal received.

Please refer to “Accuracy of positioning” on page 2-2.

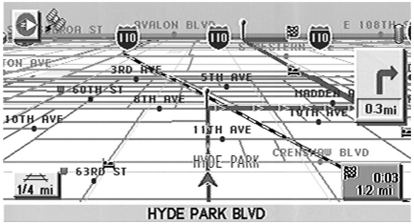
 :

This will indicate the approximate distance of route and traveling time to the destination. This indicator will appear when you set the destination with the route guidance ON.

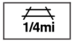
:

Press the MAP or PREVIOUS button to show the enlarged intersection display.

SCREEN INFORMATION — Birdview™ DISPLAY



INV1687

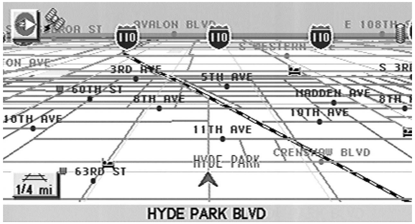
 **Map scale:**

This display indicates the scale on the current map.

By using the ZOOM IN / ZOOM OUT buttons, you can change the scale of the map.

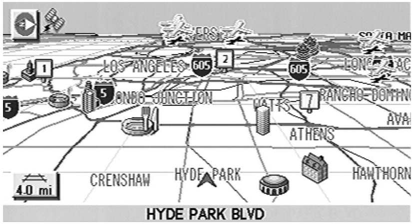
Height and distance on the Birdview™ display is shown in the table on page 11-3.

Height of view	Distance between grids	Depth of distance
512,000 feet (160,000 m)	160 miles (256 km)	approx. 2,240 miles (approx. 1,792 km)
128,000 feet (40,000 m)	40 miles (64 km)	approx. 560 miles (approx. 896 km)
64,000 feet (20,000 m)	20 miles (32 km)	approx. 280 miles (approx. 448 km)
32,000 feet (10,000 m)	10 miles (16 km)	approx. 140 miles (approx. 224 km)
16,000 feet (4,800 m)	4.0 miles (8 km)	approx. 70 miles (approx. 112 km)
8,000 feet (2,400 m)	2.0 miles (4 km)	approx. 35 miles (approx. 56 km)
4,000 feet (1,200 m)	1.0 mile (2 km)	approx. 17-1/2 miles (approx. 28 km)
2,000 feet (600 m)	1/2 mile (1 km)	approx. 8-3/4 miles (approx. 14 km)
1,000 feet (300 m)	1/4 mile (500 m)	approx. 4-3/8 miles (approx. 7 km)



INV1688

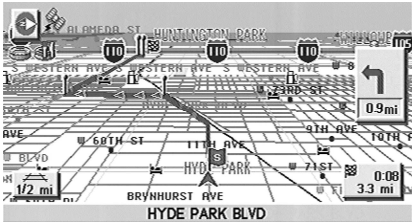
<Example> Height of view: 1,000 feet (300 m)



INV1689

<Example> Height of view: 16,000 feet (4,800 m)

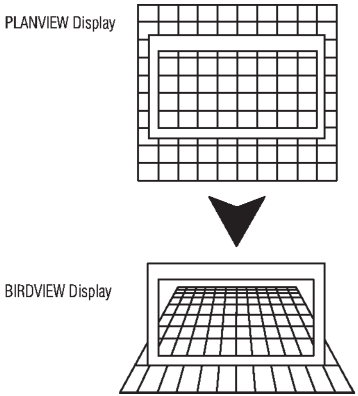
INV1690



INV1691

SWITCHING BETWEEN Birdview™ and PLANVIEW DISPLAYS

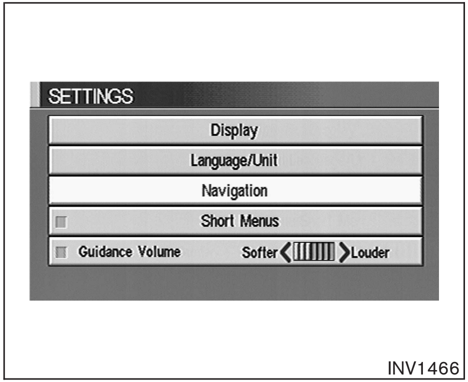
The Birdview™ mode displays the view from above, looking down toward the direction the vehicle is traveling. This combines the detailed display close to the vehicle and the long distance view in one screen.



INI0036

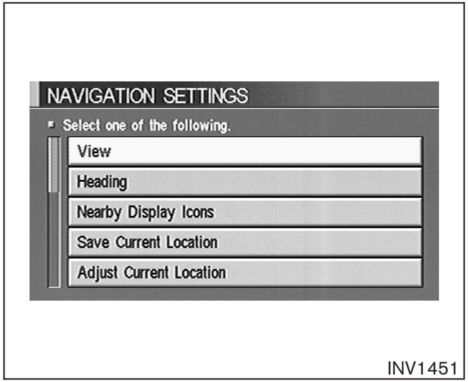
To change between the Birdview™ and Planview, proceed as follows:

1. Press the SETTING button.



INV1466

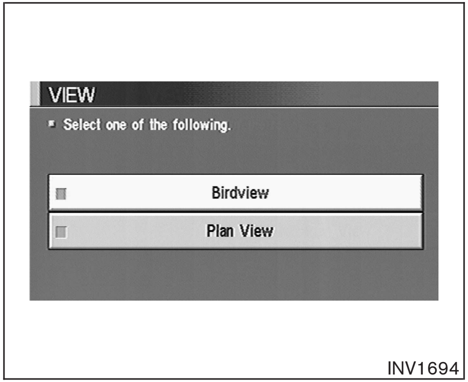
2. Select the Navigation key.



INV1451

3. The display shows the [NAVIGATION SETTINGS] screen.

   Select the View key.



INV1694

4. Select the Birdview or Plan View key.

INFO:

Some locations or buildings may be labeled differently in the Planview display and Birdview™ display.

About Birdview™ display

The destination (waypoints) cannot be set in the Birdview™ display using the map method.

Set them in the Planview display.

- It always appears with the current forward direction up.

- When the system is re-drawing the display in the Birdview™ display, the distance the vehicle travels becomes longer, and/or the degree the vehicle turns becomes larger than in the Planview display in order to complete re-drawing.
- The names of the roads and locations may differ, depending on where the names appear on the screen.
- In order to avoid having too much detail on the map, all road names are not always shown on the screen. When the display re-draws the map, a road name which is shown on the previous screen may not appear on the new screen.

ZOOMING IN AND OUT OF THE MAP

Use the ZOOM IN / ZOOM OUT buttons to change the scale of the display and height view.

Nine map scales are available from the most detailed (1 : 10,000) to the widest view (1 : 20.48 million).

Each time the ZOOM IN button is pressed, the map scale will change one level to display a more detailed map.

Each time the ZOOM OUT button is pressed, the map scale will change one level to display a map that shows a wider area.

The chosen map scale will be displayed on the left side of the screen.

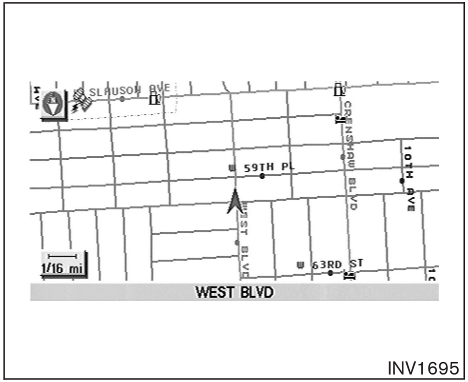
INFO:

By pressing the button repeatedly, you can skip the levels to reach the map of desired scale.

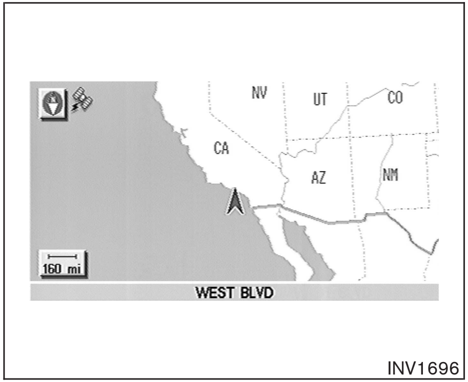
Scale level on the Planview display

Map scale	Actual distance
1 : 20.48 million	160 miles (256 km)
1 : 5.12 million	40 miles (64 km)
1 : 1.28 million	10 miles (16 km)
1 : 320,000	2.5 miles (4 km)
1 : 160,000	1 mile (2 km)
1 : 80,000	1/2 mile (1 km)
1 : 40,000	1/4 mile (500 m)
1 : 20,000	1/8 mile (200 m)
1 : 10,000	1/16 mile (100 m)

Scales on the Birdview™ display are listed on page 11-3.



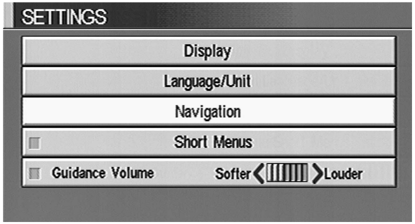
<Example> The most detailed level (1: 10,000)



<Example> The widest level (1: 20.48 million)

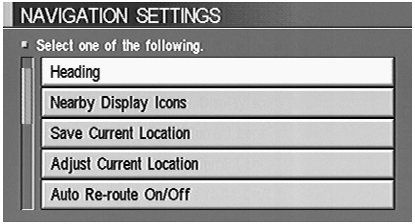
CHANGING THE DISPLAY DIRECTION (IN PLANVIEW DISPLAY)

1. Press the SETTING button.



INV1466

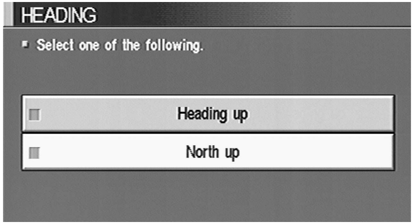
2. Select the Navigation key on the [SETTINGS] screen.



INV1698

3. Select the Heading key on the [NAVIGATION SETTINGS] screen.

The [HEADING] screen will be displayed.



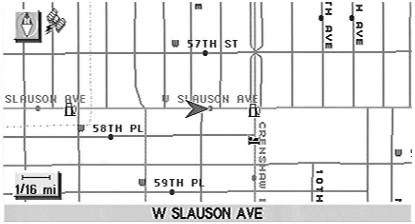
INV1699

4. Select the Heading up key or the North up key.

The map is displayed as follows:

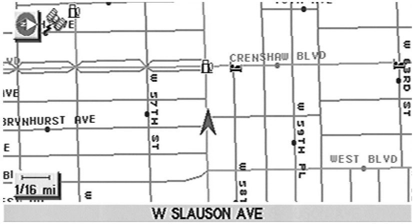
Heading up : The map shows the current forward direction up.

North up : The map shows North up.



INV1700

<Display with North up>



INV1701

<Display with the forward direction up>

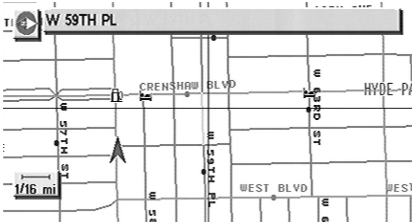
INFO:

- When the key is selected, the green indicator light will light up.
- When the MAP button is pressed after the display setting, the [CURRENT LOCATION] screen will appear.

  When the PREVIOUS button is pressed, the previous screen will reappear.

SCROLLING THE MAP

You can manually scroll the map to check the location of your choice.



INV1702

1. Operate the joystick.

The map scrolls in the same direction as the joystick movement.

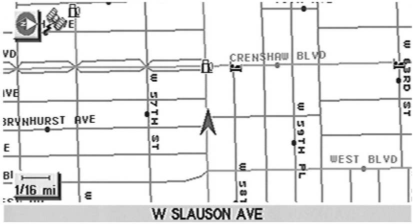
INFO:

While the vehicle is traveling, a single operation will move within the displayed area of the screen.

2. Press the MAP button to go back and show the current vehicle position.

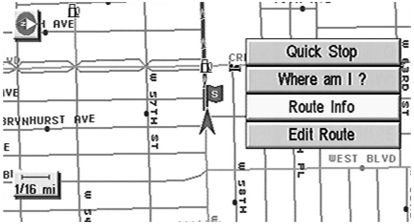
INFO:

You can also select the PREVIOUS button to go back.



INV1703

DISPLAYING THE COMPLETE ROUTE TO THE DESTINATION



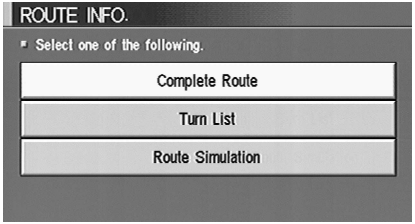
INV1704

You can request to display the complete suggested route to the destination.

1. Press the ROUTE button.

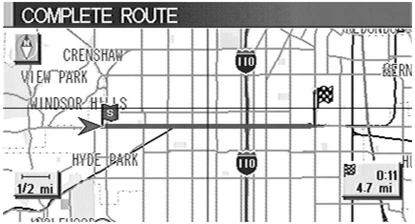
Keys will be displayed on the screen.

DISPLAYING TURN LIST



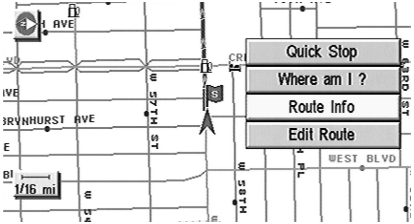
INV1705

2. Select the Route Info key.
3. Select the Complete Route key.



INV1706

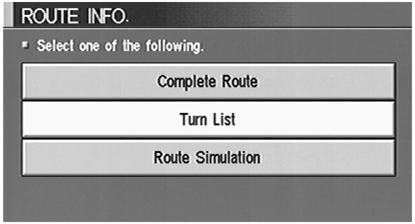
The complete suggested route to the destination will be displayed.



INV1704

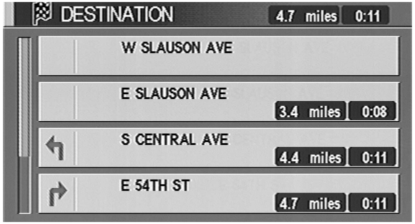
You can display the list of guide points to the destination during route calculation.

1. Press the ROUTE button.
2. Select the Route Info key.



INV1708

3. Select the Turn List key.



INV1709

A list of destinations, waypoints and guide points will be displayed. Guidance will be made at each guide point for which direction to turn.

The distance between the guide points and the travel time will also be displayed.

It may take time to prepare the turn list. In such cases, the Turn List key will be highlighted and you cannot select it until calculation is completed.

INFO:

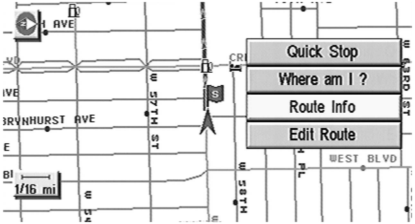
- In the turn list, turning points more than 60 miles (100 km) away from the current vehicle location will not be displayed.
- When calculated routes include a freeway, information about freeway entrances and exits will also be displayed.

REQUESTING THE SIMULATION DRIVE TO THE DESTINATION

You can simulate driving the entire suggested route to the destination on the screen.

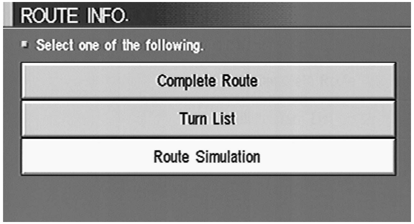
1. Press the ROUTE button.

Keys will be displayed on the screen.



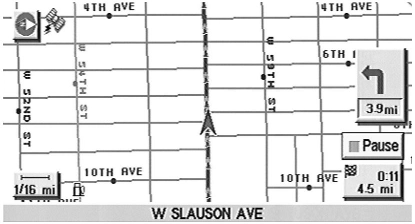
INV1704

2. Select the Route Info key.



INV1711

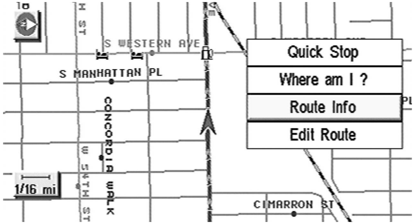
3. Select the Route Simulation key.



INV1712

The screen will display a simulated drive with voice guidance on the suggested route to the destination.

4. When the CANCEL or DEST button is pressed, or the vehicle starts to run, the route simulation will be canceled.



INV1713

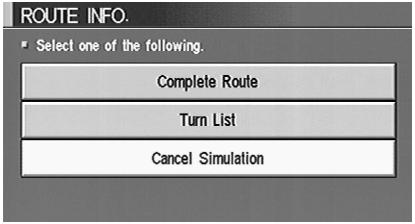
INFO:

Route simulation is not available for dark green roads on your route. Therefore, if the start point is on a dark green road, the vehicle icon will jump from the start point to the suggested road when starting the route simulation.
Also, if the destination is on a dark green road, the vehicle icon will jump from the end point of the suggested route to the destination in the route simulation.

CANCEL SIMULATION

1. Press the ROUTE button during simulation.

Select the Route Info key.



INV1714

2. The [ROUTE INFO.] screen will be displayed.

Select the Cancel Simulation key.

INFO:

When the CANCEL or DEST button is pressed, or the vehicle starts to run, the route simulation will be canceled.

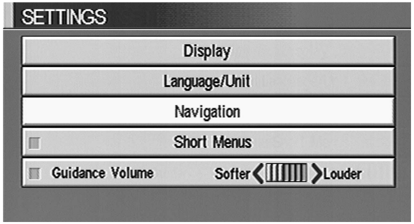
INFO:

If you select the Pause key, simulation is paused. If you select the key again, the simulation will restart.

DISPLAYING THE TRACK

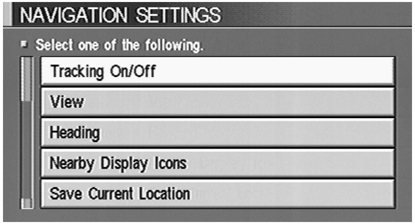
You can have the system track the road you have taken, and display it with indication marks (○).

1. Press the SETTING button.



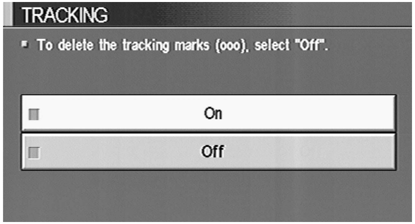
INV1466

2. Select the Navigation key on the [SETTINGS] screen.



INV1716

3. Select the Tracking On/Off key.



INV1717

4. Select the On key.

INV1718

5. Press the MAP button.

The location of the vehicle will be displayed.

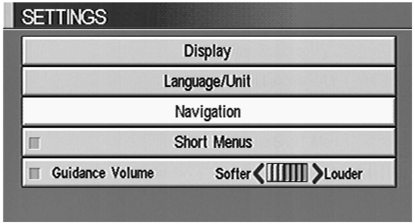
INFO:

- You can select the On key to display the indication marks (○), and the Off key to stop displaying them.
- The indication marks (○) may be spaced differently, according to the scale of the map.
- If you reset the current vehicle location, the indication marks (○) will be cleared.

GPS INFORMATION DISPLAY

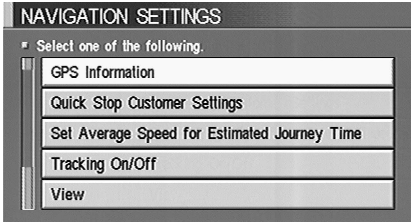
The following GPS information will be displayed on the screen: latitude, longitude, altitude, signal reception, and satellite locations.

1. Press the SETTING button.



INV1466

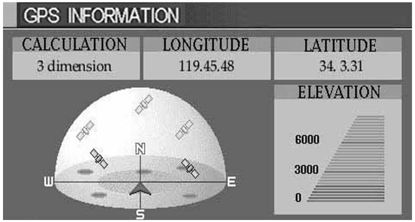
2. Select the Navigation key on the [SETTINGS] screen.



INV1720

3. Select the GPS Information key.

GPS information will be displayed.



INV1721

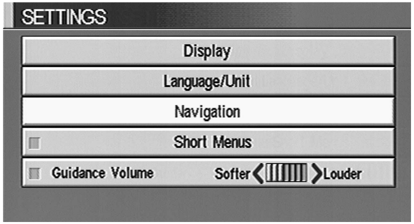
INFO:

- The satellite with a strong enough signal will be indicated in green.
- The display will read, [3-dimensional positioning], [2-dimensional positioning], or [positioning not possible], depending on the signal strength. (Elevation will not be displayed in 2-dimensional positioning.)
- When the MAP button is pressed, the [CURRENT LOCATION] screen will appear. When the PREVIOUS button is pressed, the [NAVIGATION SETTINGS] screen will appear.

UPDATING THE CURRENT VEHICLE LOCATION AND THE DIRECTION

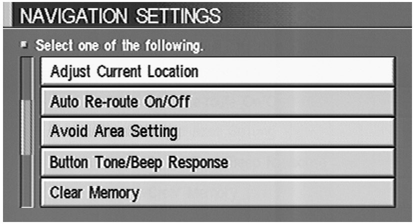
If the vehicle icon does not indicate the correct location or the direction does not match the actual road, you can adjust them on the map screen.

1. Press the SETTING button.



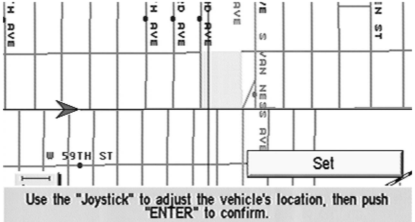
INV1466

2. Select the Navigation key on the [SETTINGS] screen.



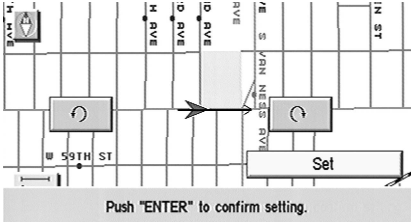
INV2461

3. Select the Adjust Current Location key on the [NAVIGATION SETTINGS] screen.



INV1724

4. Align the correct location to the cross point on the map using the joystick, and select the Set key. The current location will be corrected, and the direction adjustment screen will appear.

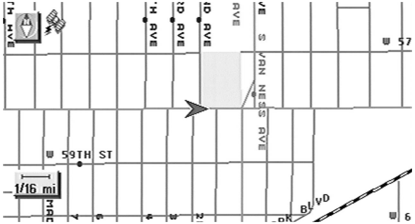


INV1725

5. Adjust the direction using the ⟲ and ⟳ keys.

The arrow on the display shows the direction of the vehicle icon.

6. Select the Set key.

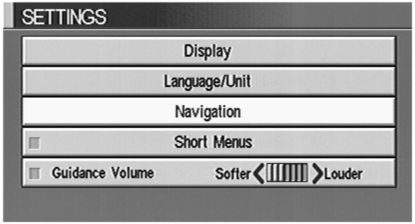


INV1726

INFO:

- It is not possible to update the vehicle location when the vehicle is moving.
- Depending on the driving conditions, the vehicle icon may not exactly correspond to the actual location of the vehicle. To verify position, refer to map books or check actual landmarks.
- If you notice that the system is displaying a different road from the one the vehicle is actually traveling, and the vehicle icon does not go back to the right road after traveling approximately 6-1/4 miles (10 km), update the vehicle location.

SETTING AUTOMATIC BEEP SOUND



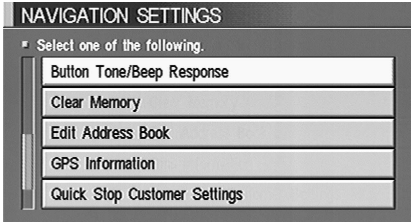
INV1466

You can set the automatic beep sound. (Activated during automatic rerouting, etc.)

1. Press the SETTING button.

The [SETTINGS] screen will be displayed.

Select the Navigation key.

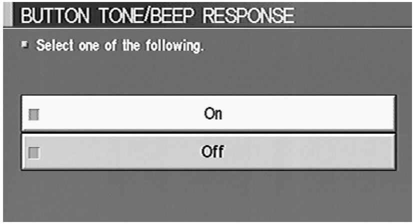


INV1728

2. The [NAVIGATION SETTINGS] screen will be displayed.

Select the Button Tone/Beep Response key.

SETTING THE DISPLAY MODE



INV1729

3. The [BUTTON TONE/BEEP RESPONSE] screen will be displayed.

When turning on/off the beep sound, select the On or Off key.

When the ENTER button is pressed, the selected key will be illuminated.

INFO:

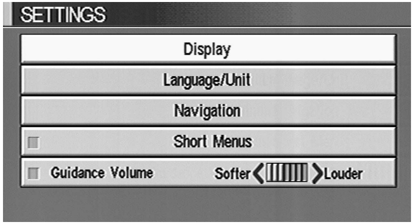
Press the MAP button to return to the map.

You can alter the display mode.

ADJUSTING THE DISPLAY BRIGHTNESS

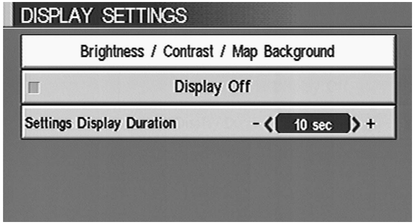
You can choose the best brightness for the display.

1. Press the SETTING button.



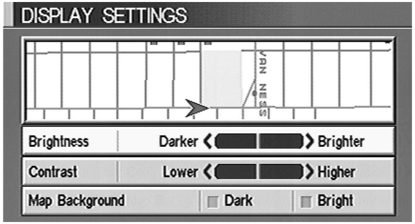
INV1730

2. Select the Display key.



INV1731

3. The [DISPLAY SETTINGS] screen will be displayed.
   Select the Brightness/Contrast/Map Background key.



INV1732

4. Select the Brightness key.

When the joystick is tilted to the right, the screen will brighten, and darken when tilted to the left.

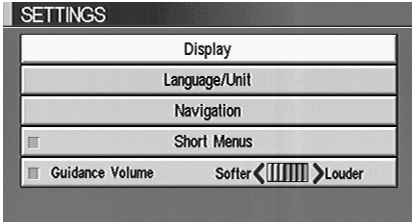
INFO:

The screen displayed before pressing the SETTING button will be displayed as a sample screen on the [DISPLAY SETTINGS] screen.

ADJUSTING THE DISPLAY CONTRAST

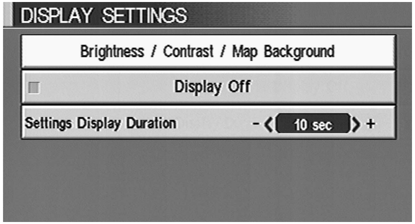
You can choose the best contrast for the display.

1. Press the SETTING button.



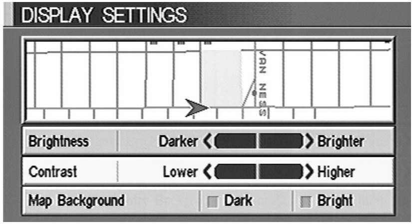
INV1730

2. Select the Display key.



INV1731

3. The [DISPLAY SETTINGS] screen will be displayed.
   Select the Brightness/Contrast/Map Background key.



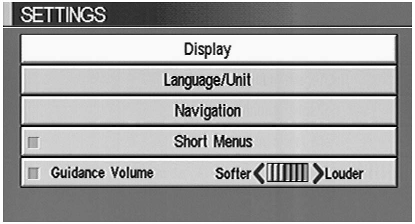
INV1735

4. Select the Contrast key.

When the joystick is tilted to the right, contrast of the screen will be higher, and will be lower when tilted to the left.

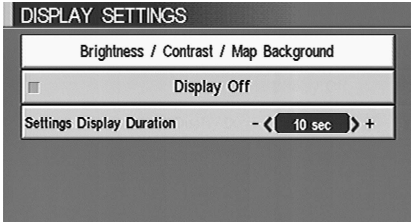
SWITCHING THE DISPLAY COLOR

1. Press the SETTING button.



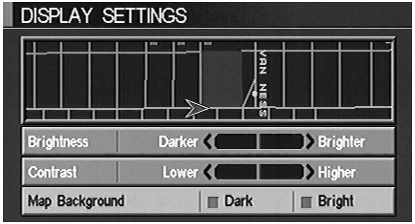
INV1730

2. Select the Display key.



INV1731

3. The [DISPLAY SETTINGS] screen will be displayed.
   Select the Brightness/Contrast/Map Background key.

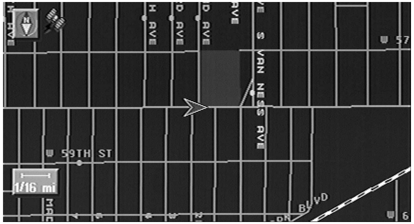


INV1738

4. Select the [Map Background] key.
   The display brightness will be altered.

HOW TO USE THE [☀/☽] (DAY/NIGHT) BUTTON

1. Press the [☀/☽] button.



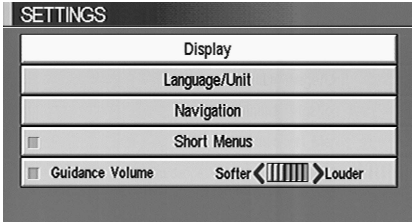
INV1739

2. When the [☀/☽] button is pressed, the screen will repeatedly switch between normal lighting and dimmer lighting independently of turning on or off of illumination.

DISPLAY OFF

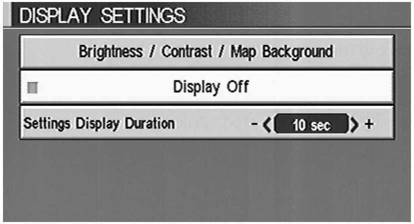
The display can be turned off with the following procedure.

1. Press the SETTING button.



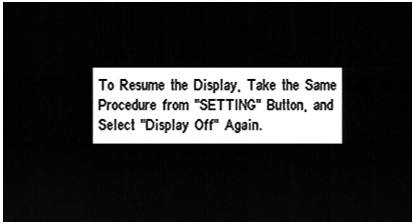
INV1730

2. Select the Display key.



INV1741

3. The [DISPLAY SETTINGS] screen will be displayed.
   Select the Display Off key.
   The indicator of the [DISPLAY OFF] will turn green.



INV1742

4. A comment will be displayed for 5 seconds and the display will turn off.
   To restart the display, press the SETTING button and select the Display Off key again.

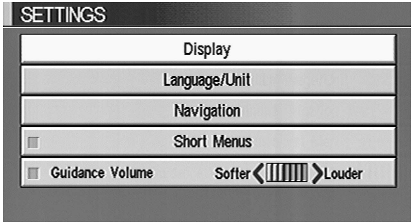
INFO:

- When the INFO and MAP buttons are pressed with the display turned off, the screen shows normally, then the display turns off again.
- When the ☀/☾ button is pressed with the display turned off, the display brightness is changed when the screen is re-displayed.

SETTING DISPLAY DURATION

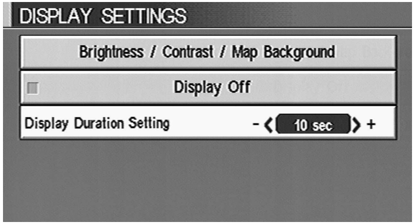
You can set the display duration time.

1. Press the SETTING button.



INV1730

2. Select the Display key.



INV2842

3. The [DISPLAY SETTINGS] screen will be displayed.
   Select the Display Duration Setting key.

INFO:

When you finish setting the display duration time, the display will return to the previous display automatically.

HOW TO HANDLE THE DISPLAY

The display uses liquid crystal and should be handled with care.

WARNING

Never disassemble the display. It has some areas with extreme high voltage. Touching it may result in serious personal injury.

CHARACTERISTICS OF LIQUID CRYSTAL DISPLAY

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal; when the temperature rises, the display will function normally.
- You may notice darker or brighter dots in parts of the display; this is inherent in monitor displays and is not a malfunction.
- You may also notice a remnant of the previous display image on the screen. This after-image is inherent in displays and is not abnormal.

INFO:

The screen may become distorted by strong magnetic fields.

MAINTENANCE OF THE DISPLAY

CAUTION

- **To clean the display, never use a rough cloth, alcohol, benzine, thinner, any kind of solvent, or paper towel with chemical cleaning agent. They will scratch or deteriorate the panel.**
- **Do not splash any liquid such as water or car fragrance on the display. Contact with liquid will cause the system to malfunction.**

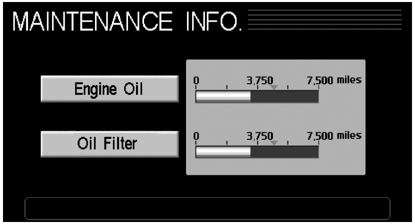
If you need to clean the display screen, use a dry soft cloth. If additional cleaning is necessary, use a small amount of neutral detergent with a soft cloth. Never soak the exterior with water or detergent.

12 How do I use the vehicle information?

Maintenance information.. 12-2

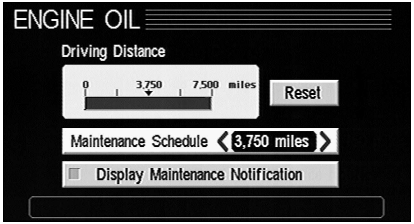
MAINTENANCE INFORMATION

1. Press the INFO button.



INV1756

2. The [MAINTENANCE INFO.] screen will be displayed.
3. To set the maintenance information for the Engine Oil or Oil Filter, choose an item using the joystick and press the ENTER button.



INV1750

4. The [ENGINE OIL] screen will be displayed.
5. To reset, select the Reset key.
6. Set the distance of the maintenance schedule.

To determine the maintenance interval, refer to the vehicle's Owner's Manual.

To automatically display the [MAINTENANCE INFO.] screen when setting trip distance is reached, select the Display Maintenance Notification key and press the ENTER button.

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How to handle the DVD-ROM 13-2
About the navigation map DVD-ROM 13-2
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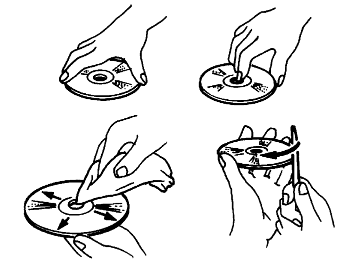
HOW TO ORDER MAP DATA DVD-ROM UPDATES

To order updated mapping DVD-ROMs or additional DVD-ROMs, please contact the NISSAN NAVIGATION SYSTEM HELPDESK at:

- ADDRESS: P.O. Box 2082, Burlingame, CA 94011
- E-MAIL: customersupport@zenrin.com
- WEB SITE: www.zenrin.com
- PHONE: 1-888-661-9995
- HOURS: 6:00 AM to 5:00 PM (Pacific Time)

HOW TO HANDLE THE DVD-ROM



SIH0082

CAUTION

- **Handle a DVD-ROM by its edges. Never touch the surface of the disc.**
- **To clean a disc, wipe the surface from the center to the outer edge using a clean, soft cloth. Do not wipe the disc using a circular motion.**
  Do not use a conventional record cleaner, benzine, thinner or alcohol intended for industrial use.
- **A new disc may be rough on its inner and outer edges. Remove the rough edges using the side of a pen or pencil as illustrated.**
- **Never attempt to use a DVD-ROM that has been cracked, deformed, or repaired using adhesive. Doing so may cause damage to the equipment.**

- Handle the DVD-ROM carefully to avoid contamination or flaws. Otherwise, signals may not be read properly.
- Do not write, draw or attach anything on any side of the DVD-ROM.
- Do not store the DVD-ROM in locations exposed to direct sunlight or in high temperatures or humidity.
- Always place the discs in the storage case when they are not being used.
- Do not put on any sticker or write anything on either surface of the DVD-ROM.

ABOUT THE NAVIGATION MAP DVD-ROM

1. This navigation map DVD-ROM has been prepared by ZENRIN CO., LTD. under li-

cense from Navigation Technologies Corporation. ZENRIN CO., LTD. has added, processed and digitized data based on the digital road map data of Navigation Technologies Corporation. Due to the production timing of the map data, some new roads may not be included in this map data or some of the names or roads may be different from those at the time you use this DVD-ROM.

2. Traffic control and regulation data used in this DVD-ROM may be different from those at the time you use this DVD-ROM due to the data production timing. When driving your vehicle, follow the actual traffic control signs and notices on the roads.
3. Reproducing or copying this map software is strictly prohibited by law.

Published by NISSAN North America, Inc.

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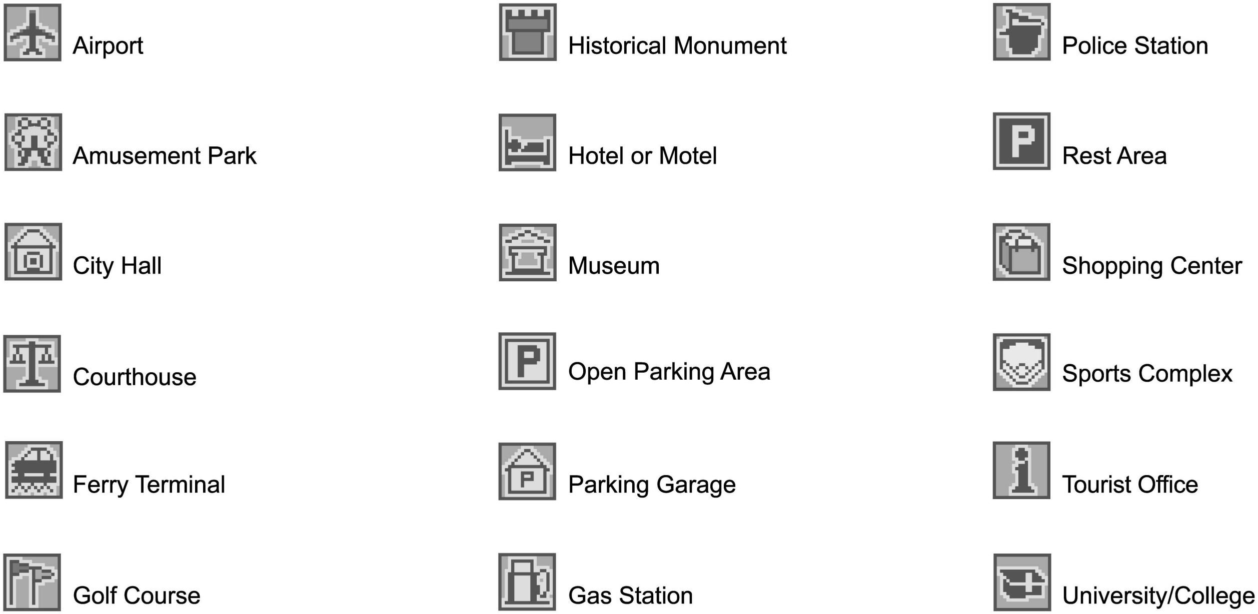
ICONS

Icon legend follows:

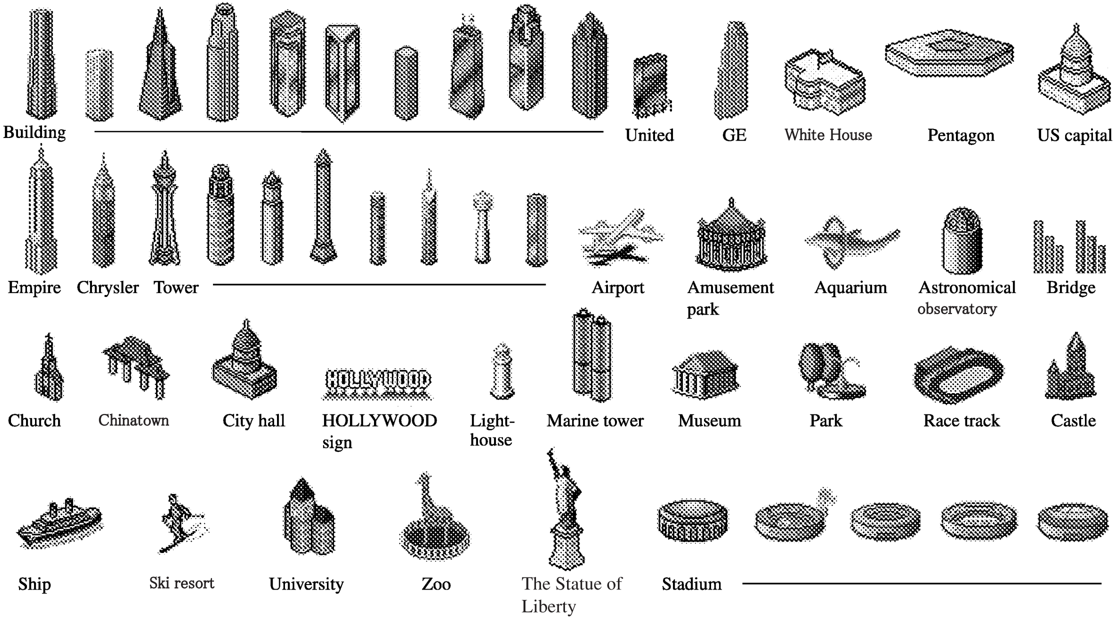
Legend of the icons used on the map



INI0105

Legend of the 3-D icons

Note: Only some limited landmarks are displayed with 3-D icons on the BirdView™ display. In some areas, no 3-D icons may be displayed depending on the location.



INI0106

ABBREVIATIONS DEFINITION LIST

Abbreviation	Meaning
ACCS	ACCESS
ACRS	ACRES
ALY	ALLEY
APPR	APPROACH
AVE	AVENUE
BCH	BEACH
BND	BEND
BLF	BLUFF
BLVD	BOULEVARD
BRG	BRIDGE
BRK	BROOK
BYP	BYPASS
BYWY	BYWAY
CYN	CANYON
CSWY	CAUSEWAY
CTR	CENTER
CHSE	CHASE
CIR	CIRCLE
CLFS	CLIFFS
CLB	CLUB
COR	CORNER
CT	COURT
CV	COVE

CRK	CREEK
CRES	CRESCENT
XING	CROSSING
CURV	CURVE
DL	DALE
DR	DRIVE
EST	ESTATES
EXP	EXPRESS
EXPY	EXPRESSWAY
EXT	EXTENSION
FRY	FERRY
FLD	FIELD
FLDS	FIELDS
FLTS	FLATS
FRD	FORD
FWY	FREEWAY
GDNS	GARDENS
GTWY	GATEWAY
GLN	GLEN
GRV	GROVE
HVN	HAVEN
HTS	HEIGHTS
HWY	HIGHWAY
HL	HILL

HLS	HILLS
HOLW	HOLLOW
JCT	JUNCTION
KY	KEY
KNL	KNOLL
KNLS	KNOLLS
LNDG	LANDING
LN	LANE
LCK	LOCK
MNR	MANOR
MDWS	MEADOWS
ML	MILL
MT	MOUNT
MTN	MOUNTAIN
OPAS	OVERPASS
PKWY	PARKWAY
PSGE	PASSAGE
PNES	PINES
PL	PLACE
PLZ	PLAZA
PT	POINT
PROM	PROMENADE
RNCH	RANCH
RDG	RIDGE

Abbreviation	Meaning
RD	ROAD
SHRS	SHORES
SPGS	SPRINGS
SQ	SQUARE
ST	STREET
SUBD	SUBDIVISION
SMT	SUMMIT
TER	TERRACE
TRCE	TRACE
TRAK	TRACK
TRL	TRAIL
TUNL	TUNNEL
TPKE	TURNPIKE
VLY	VALLEY
VIA	VIADUCT
VW	VIEW
VLG	VILLAGE
VIS	VISTA

MEMO

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CUSTOMER ASSISTANCE

For assistance or inquiries about the NISSAN Navigation System, please contact:

The NISSAN Navigation Helpdesk at 1-800-NISSAN-1 (1-800-647-7261) for U.S., and at 1-800-777-0325 for CANADA or visit the website at www.nissan-usa.com.

BASIC OPERATIONS

Symptom	Possible cause	Remedy
No image comes on.	The brightness adjustment is at the lowest setting.	Adjust the settings to make the display brighter.
No map comes on the screen.	No map DVD-ROM is inserted, or it is inserted upside down.	Insert the DVD-ROM correctly.
	The map display mode is switched off.	Press the MAP button.
No voice guide is available. or The volume is not high enough.	The volume is not set correctly or turned off.	Adjust the volume correctly.
The screen is too dim. The movement is slow.	The temperature in the vehicle is low.	Wait for the temperature in the vehicle to rise.
There are a few darker or brighter dots in the display.	This is inherent to displays. This condition is a characteristic of liquid crystal displays.	This condition is not abnormal.

- Stored location in the address book and other memory functions may be lost if the car's battery is disconnected or becomes discharged for a long time.
  If this should occur, service the car's battery as necessary and re-enter the address book information.

VEHICLE ICON

Symptom	Possible cause	Remedy
The location names differ, between Planview and Birdview®.	This is because the displayed information is reduced so that the screen does not become too crowded. There is also a chance that several names of the roads or locations will be displayed, and the names appearing on the screen may be different because of a processing procedure.	This should not be regarded as abnormal.
The vehicle icon is not shown correctly.	The vehicle might have moved with the ignition off, for example on a ferry boat or car transporter.	Drive the vehicle with the GPS on for some distance.
The screen does not switch to night screen even after turning the headlights on.	When the lights were last turned on, the last setting was the daytime screen.	Turn the headlights on again, go to [DISPLAY SETTINGS] screen and set it to the night screen.
The map does not scroll even when the vehicle is traveling.	The display is not switched to the map screen.	Press the MAP button.
The vehicle icon does not show up.	The display is not switched to the map screen.	Press the MAP button.
GPS indicator on the screen remains gray.	GPS signals are not received because the vehicle is indoors or in the shade of buildings.	Move the vehicle to outdoors with a clear view of the sky.
	GPS signals are not received because some objects are placed on the instrumental panel.	Remove the objects from the instrumental panel.
	GPS satellites are in poor locations.	Please wait for the satellites to move to better locations.

VEHICLE ICON

Symptom	Possible cause	Remedy
The location of vehicle icon does not match the actual position.	Driving on slippery road surface	If the position marker does not move to the correct position even after the vehicle has been driven approximately 6 miles (10 km), adjust the current location. If necessary, adjust the moving speed of the vehicle.
	Driving on slanted area	
	Rough or violent driving	If the position marker does not move to the correct position even after the vehicle has been driven approximately 6 miles (10 km), adjust the current location.
	GPS indicator remains gray.	Please check the GPS indicator on the screen to see if it remains gray. If it remains gray, drive the vehicle to a place where the GPS can be received.
	Because the vehicle has tire chains on, or the system was transferred to a different vehicle, errors (gain or loss) result in calculating the speed from the speed pulse.	The location of the vehicle icon will move by driving the vehicle for 30 minutes (in case it is running at 18-3/4 miles/hour (30 km/h)). If you still notice errors, adjust moving speed.
	The map data has an error or is incomplete (if the location error always happens in the same area).	Please wait for the update of the Map DVD-ROM.

MAP DVD-ROM

Symptom	Possible cause	Remedy
The message “Error” appears after operation.	Map DVD-ROM is soiled or partially damaged.	Check the DVD-ROM and wipe it clean with a soft cloth, following cautions and instructions on page 13-2.
		If you see any damage, replace the DVD-ROM.

DESTINATION, WAYPOINTS OR MENU CONTENTS CANNOT BE CHOSEN OR SET

Symptom	Possible cause	Remedy
Turn list is not displayed.	Route search does not occur.	Set designation areas and perform route search.
	Car marker does not appear on recommended route.	Drive on the recommended route.
	Route guide is OFF.	Turn the route guide ON.
In rerouting, the waypoints are not included in the calculation.	The system has judged that the vehicle has already passed the point being chosen or set.	If you want to go to that point again, edit the route again.

DESTINATION, WAYPOINTS OR MENU CONTENTS CANNOT BE CHOSEN OR SET

Symptom	Possible cause	Remedy
Route information is not displayed.	Route calculation has not yet been requested.	Set the destination and request route calculation.
	The vehicle icon is not on the suggested route.	Please drive the vehicle along the suggested route.
	Route guidance is off.	Turn the route guidance on.
Route is not calculated automatically.	The vehicle is not running on a route from which calculation can occur.	Enter a route from which calculation can occur. Alternatively, you can calculate the route manually. In this case, the entire route will be calculated again.
It is impossible to request a detour.	Your vehicle is not running on the suggested route.	Restart route calculation or enter the suggested route.
The detour found is the same as the previous suggestion.	The system took many conditions into consideration, but the same result was obtained.	This condition is not abnormal.
It is impossible to set the waypoints.	The number of waypoints exceeds 5.	It is impossible to set more than 5 waypoints. Please decrease the number of the waypoints.
Some items in the menu cannot be selected.	The vehicle is moving.	Park the vehicle in a safe place and select the desired items for the suggested route.

VOICE GUIDANCE

Symptom	Possible cause	Remedy
The voice guidance is not available.	Voice guidance is only available at certain intersections marked with . In some cases, the guidance is not available even when the vehicle should make a turn.	This condition is not abnormal.
	The vehicle is off the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is set OFF.	Turn the voice guidance ON.
	Route guidance is set OFF.	Turn the route guidance ON.
The guidance content does not correspond to the actual condition.	The content of the voice guidance may vary, depending on the types of junctions at which turns are made.	Follow the actual rules and regulations of the roads upon which you are driving.

ROUTE CALCULATION

Symptom	Possible cause	Remedy
Although the system is set with the moving direction as the preference, it does not find the route by matching the preference.	There is no route found in that direction.	This condition is not abnormal.
Route is not indicated.	There is no road that can be found by this system close to the destination.	Reset the destination closer to the road displayed in orange. Especially with roads which have separate lanes for opposite directions, be careful in setting the destination or waypoints on it, because results may differ depending on the lane you choose.
	The starting point to the destination is too close.	Set more distant destinations.
	The system may not calculate a route if the current vehicle location is too far away from the destination.	Divide your trip by selecting one or two intermediate destinations.
The route is not displayed continuously at waypoints, for example, that are not calculated route from the vehicle's current position.	Suggested routes may be displayed discontinuously near waypoints as route calculation is done at each waypoint.	This condition is not abnormal.
The suggested route the vehicle has traveled is erased.	Suggested routes are stored in memory by the blocks; if the vehicle travels past waypoint block 1, the previous data will be erased.	This condition is not abnormal.

ROUTE CALCULATION

Symptom	Possible cause	Remedy
A route with many detours is suggested.	If there are restrictions (such as one-way traffic) on roads close to the starting point or destination, the system may suggest a detoured route.	Try slightly moving the starting point or destination.
The landmark description does not correspond to the actual one.	This may be caused by insufficient or incorrect data on the DVD-ROM.	Exchange the Map DVD-ROM. The new DVD-ROM will be updated.
The suggested route does not exactly connect to the starting point, waypoints, or destination.	There is no data for route calculation closer to these points.	Set these points on the main road displayed in thick orange. Please note that in some cases even main roads lack the data for route calculation.

MEMO

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